

Set	Items	Description
S1	46	AU=(HASTINGS, W? OR HASTINGS W? OR (W OR REED) (2N)HASTINGS) OR BY=((W OR REED) (2N)HASTINGS)
S2	102	AU=(HUNT, N? OR HUNT N? OR NEIL (2N)HUNT) OR BY=(NEIL (2N)HUN- NT)
S3	140	AU=(RANDOLPH, M? OR RANDOLPH M? OR MARC (2N)RANDOLPH) OR BY- =(MARC (2N)RANDOLPH)
S4	2	AU=(CIANCUTTI, J? OR CIANCUTTI J? OR JOHN (2N)CIANCUTTI) OR BY=(JOHN (2N)CIANCUTTI)
S5	17	AU=(LANNING, S? OR LANNING S? OR STANLEY (2N)LANNING) OR BY- =(STANLEY (2N)LANNING)
S6	0	S1 AND S2 AND S3 AND S4 AND S5
S7	2	S1 AND S2 AND S3
S8	294	S1 OR S2 OR S3 OR S4 OR S5
S9	3	S8 AND IC=G06F-017/60
S10	23	S8 AND IC=G06F?

File 350:Derwent WPIX 1963-2006/UD=200651
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File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
(c) 2006 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2006/ 200632
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060803,UT=20060727
(c) 2006 WIPO/Univentio

10/5/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0015816878 - Drawing available
 WPI ACC NO: 2006-372936/200638
 XRPX Acc No: N2006-314997

Data processing system's data frame processing method, involves fetching multiple data frames into available space of cache, and assigning level to each of multiple data frames by applying recurring level pattern

Patent Assignee: AGFA INC (GEVA)

Inventor: **HUNT N** ; **HUNT N E J** ; KRAWCHUK C; KRAWCHUK C A P; WALLACE W; WALLACE W E

Patent Family (2 patents, 110 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20060114820	A1	20060601	US 2004996359	A	20041126	200638 B
WO 2006056516	A2	20060601	WO 2005EP55354	A	20051019	200638 E

Priority Applications (no., kind, date): US 2004996359 A 20041126

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20060114820	A1	EN	12	4	
WO 2006056516	A2	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - The method involves fetching multiple data frames into available space of a cache, and assigning a level to each of the multiple data frames by applying a recurring level pattern. A level cut-off is selected for multiple data frames in the space of the cache. The cache is fetched from any successive image frames with a level that is above the level cut-off of the multiple data frames.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.a data processing system comprising an assignment module

2.a program product comprising a set of instructions to select a level cut-off for multiple data frames.

USE - Used for processing data frame of a data processing system.

ADVANTAGE - The method processes the data frame of the data processing system to effectively render the image frames for display in succession at the desired rate.

DESCRIPTION OF DRAWINGS - The drawing shows a flow chart for a method of processing a data frame of a data processing system.

Title Terms/Index Terms/Additional Words: DATA; PROCESS; SYSTEM; FRAME; METHOD; FETCH; MULTIPLE; AVAILABLE; SPACE; CACHE; ASSIGN; LEVEL; APPLY; RECURRENCE; PATTERN

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

H04J-0001/16 A I L B 20060101
 H04J-0003/14 A I F B 20060101
 H04L-0001/00 A I L B 20060101
 H04L-0012/26 A I L B 20060101
 H04L-0012/28 A I L B 20060101
 H04L-0012/56 A I L B 20060101

G06F S 20060101

H04J-0001/00 C I L B 20060101

US Classification, Issued: 370229000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H03A; T01-J10A2; T01-S03

10/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015696115 - Drawing available

WPI ACC NO: 2006-260102/200627

Related WPI Acc No: 2003-625181; 2005-394078; 2005-434041

XRPX Acc No: N2006-222472

Movies renting automated method involves delivering additional movie to customer in addition to specified number of movies and subsequently updating movie rental queue

Patent Assignee: NETFLIX INC (NETF-N)

Inventor: **HASTINGS W R ; HUNT N D ; RANDOLPH M B**

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 7024381	B1	20060404	US 2000561041	A	20000428	200627 B
			US 2003438727	A	20030514	

Priority Applications (no., kind, date): US 2000561041 A 20000428; US 2003438727 A 20030514

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 7024381	B1	EN	19	7	Continuation of application US
2000561041					

Continuation of patent US 6584450

Alerting Abstract US B1

NOVELTY - A specified number of movies is delivered to the customer based on the order list included movie rental queue received from the customer on internet. An additional movie is selected and delivered to the customer based on several delivery criteria and order list, and the movie rental queue is updated.

DESCRIPTION - An INDEPENDENT CLAIM is also included for movies renting computer system.

USE - For renting commercial goods e.g. video, movies, games and music to customers physically and on internet.

ADVANTAGE - Enables to separate the decision of what items to rent from the decision of when to rent the items. Enables customer to specific what items to run using a item selection criteria and receive the items at a future point in a time without having to go to the provider to pick-up the

items. Customers are not constraint by conventional due dates and instead, are allowed to establish continuous, serialized rental streams of items. Allows more efficient inventory management.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the on-line audio/video renting method.

Title Terms/Index Terms/Additional Words: RENT; AUTOMATIC; METHOD; DELIVER; ADD; MOVIE; CUSTOMER; SPECIFIED; NUMBER; SUBSEQUENT; UPDATE; QUEUE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0015/16 A I F B 20060101

G06F-0017/60 A I L B 20051231

H04N-0007/173 A I L B 20060101

US Classification, Issued: 705026000, 381077000, 709206000, 725060000, 725104000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2

10/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015675313

WPI ACC NO: 2006-239502/200625

XRPX Acc No: N2006-205526

Automatic messaging system for sending e-mail with specific information to group of people using personal computer, stores e-mail configuration information for sending data selected from database to address entry of address list

Patent Assignee: ATCHISON C E (ATCH-I); BELLIAPPA G (BELL-I); RANDOLPH M L (RAND-I)

Inventor: ATCHISON C E; BELLIAPPA G; **RANDOLPH M L**

Patent Family (1 patents, 1 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
US 20060059234	A1	20060316	US 2004932868	A	20040902	200625 B

Priority Applications (no., kind, date): US 2004932868 A 20040902

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20060059234	A1	EN	30	21		

Alerting Abstract US A1

NOVELTY - A querying logic is configured with messaging configuration information for selecting data from a database. A messaging logic such as electronic-mail (e-mail) system, wireless paging system stores e-mail configuration information for automatically sending selected data to an address entry of an address list.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.method for automatically transmitting data; and

2.computer readable medium storing program for automatically sending messages with selected data.

USE - For sending electronic mail (e-mail), pages to group of people of user terminal e.g. personal computer (PC), pagers, personal digital assistant (PDA), cell phone, with specific information from database e.g. open database connectivity (ODBC) compliant data source having standard database management system (DBMS) e.g. structured query language (SQL) server, **Oracle **, **Informix **, database-2 (DB2), **Sybase **, access database, excel spreadsheets.

ADVANTAGE - Efficiently sends electronic mail with specific information from database to selected list of people.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the automatic messaging system.

Title Terms/Index Terms/Additional Words: AUTOMATIC; MESSAGING; SYSTEM; SEND; MAIL; SPECIFIC; INFORMATION; GROUP; PEOPLE; PERSON; COMPUTER; STORAGE; CONFIGURATION; DATA; SELECT; DATABASE; ADDRESS; ENTER; LIST

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0015/16 A I F B 20060101

US Classification, Issued: 709206000

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-J05B4M; T01-M06A1A; T01-N01C; T01-N01D;

T01-N02A1A; T01-S03; W01-A06E1A; W01-A06E1J

10/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015084585 - Drawing available

WPI ACC NO: 2005-434041/200544

Related WPI Acc No: 2003-625181; 2005-394078; 2006-260102

XRPX Acc No: N2005-352218

Item e.g. movie, user rating estimating method for e.g. tape, involves finding item with ratings similar to particular item, and creating estimation of how particular user would rate particular item upon ratings given by users

Patent Assignee: CIANCUTTI J R (CIAN-I); HASTINGS W R (HAST-I); HUNT N D (HUNT-I); LANNING S M (LANN-I); NETFLIX INC (NETF-N); PURCELL S M (PURC-I); SHIH L W (SHIH-I)

Inventor: **CIANCUTTI J R ; HASTINGS W R ; HUNT N D ; LANNING S M ; PURCELL S M ; SHIH L W**

Patent Family (2 patents, 106 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050125307	A1	20050609	US 2000561041	A	20000428	200544 B
			US 2000212193	P	20000616	
			US 2000244793	P	20001031	
			US 2001884816	A	20010618	
			US 2004773843	A	20040206	
WO 2005076890	A2	20050825	WO 2005US3377	A	20050204	200556 E

Priority Applications (no., kind, date): US 2001884816 A 20010618; US 2000244793 P 20001031; US 2000212193 P 20000616; US 2000561041 A 20000428; US 2004773843 A 20040206

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050125307	A1	EN	32	11	C-I-P of application US 2000561041 Related to Provisional US 2000212193 Related to Provisional US 2000244793 C-I-P of application US 2001884816 C-I-P of patent US 6584450
WO 2005076890	A2	EN			

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW
BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES
FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD
SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - The method involves identifying an item e.g. movie, with ratings similar to a particular item. A user is identified from a set of users that have given ratings to a subset of the item. The ratings are statistically similar to rating given by a particular user to the subset of item. An estimation of how the particular user would rate the particular item, is generated based upon ratings for the particular item.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a machine-readable medium for estimating how a particular user would rate a particular item from a set of items
- 2.an apparatus for estimating how a particular user would rate a particular item from a set of items.

USE - Used for estimating user rating of an item e.g. movie, music and game stored on magnetic medium, optical medium, read-only memory and non-volatile memory e.g. tape.

ADVANTAGE - The method rents the item to a customer on a continuous basis that avoids use of fixed due date or rental window appurtenant. The method rents the movie, the game and the music to a consumer that is more convenient and flexible to the customer. The method estimates how a user would rate the item that the user has not yet rated.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram that depicts a users' rating of an item.

802 Items
804 Users
806 Particular item
808 Particular user
814 Reference users

Title Terms/Index Terms/Additional Words: ITEM; MOVIE; USER; RATING; ESTIMATE; METHOD; TAPE; FINDER; SIMILAR; RATE

Class Codes

International Classification (Main): **G06F-017/60** , G06M
US Classification, Issued: 705010000, 705026000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01A2D; T01-S03

10/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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0015046060 - Drawing available

WPI ACC NO: 2005-394078/200540

Related WPI Acc No: 2003-625181; 2005-434041; 2006-260102

XRPX Acc No: N2005-319288

Rental item e.g. digital versatile disc, managing method, for video rental store, involves identifying set of discs located at distribution location, and sending discs from distribution location to designated location

Patent Assignee: DILLON T (DILL-I); HASTINGS W R (HAST-I); HUNT N D (HUNT-I); NETFLIX INC (NETF-N)

Inventor: DILLON T; **HASTINGS W R ; HUNT N D**

Patent Family (2 patents, 106 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20050086127	A1	20050421	US 2000561041	A	20000428	200540 B
			US 2003438727	A	20030514	
			US 2003746605	A	20031223	
WO 2005062887	A2	20050714	WO 2004US43119	A	20041221	200547 E

Priority Applications (no., kind, date): US 2003438727 A 20030514; US 2000561041 A 20000428; US 2003746605 A 20031223

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050086127	A1	EN	31	10	Continuation of application US
2000561041					

C-I-P of application US 2003438727
Continuation of patent US 6584450

WO 2005062887 A2 EN

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - The method involves sending a set of DVDs from a distribution location to a designated distribution location. Another set of DVDs located at another distribution location is identified. One set carries a set of movies that is not requested for rent by customers (502) associated with one distribution location. The former set of DVDs is sent from the former location to the designated location.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.a machine-readable medium having instructions which, when executed by processors, cause the processors to perform a method of managing rental items in distribution locations

2.a system for managing rental items in distribution locations.

USE - Used for managing a rental item e.g. optical media such digital versatile disc (DVD), compact disc (CD), CD-ROM, semiconductor-based storage device and read-only memory, having movies, music games and computer software, in a distribution location e.g. video rental store, distribution center, warehouse and hub, over a network e.g. local area network (LAN), wide area network (WAN) and Internet.

ADVANTAGE - The method effectively rents the items to the customers on a continuous basis to avoid the use of fixed due dates or rental windows

appurtenant to rental models. The method is more convenient and flexible to the rental customers.

DESCRIPTION OF DRAWINGS - The drawing shows a depiction of an approach for renting audio/video items to customers over an Internet.

502 Customers
504 Provider
506, 510 Links
508 Internet
512 Audio/video items
514 Delivery channels

Title Terms/Index Terms/Additional Words: RENT; ITEM; DIGITAL; VERSATILE; DISC; MANAGE; METHOD; VIDEO; STORAGE; IDENTIFY; SET; LOCATE; DISTRIBUTE; SEND; DESIGNATED

Class Codes

International Classification (Main): **G06F-017/60** , **G06F**

US Classification, Issued: 705026000

File Segment: EPI;

DWPI Class: T01; T03; T05

Manual Codes (EPI/S-X): T01-H01B6; T01-N01A; T01-S03; T03-B10A; T05-H05A

10/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014863202 - Drawing available

WPI ACC NO: 2005-210917/

XRPX Acc No: N2005-174221

Escalation tracking system for use in telephone system, has processing device creating, maintaining, tracking and forwarding records and interface handling user requests, using generic application on individual workstations

Patent Assignee: ATCHISON C E (ATCH-I); RANDOLPH M L (RAND-I)

Inventor: ATCHISON C E; **RANDOLPH M L**

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20050033772	A1	20050210	US 2003492552	P	20030805	200522 B
			US 2004909820	A	20040802	

Priority Applications (no., kind, date): US 2003492552 P 20030805; US 2004909820 A 20040802

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050033772	A1	EN	20	11	Related to Provisional US 2003492552

Alerting Abstract US A1

NOVELTY - The system has an interface to receive records representing user requests collected from individual work stations. A database contains data related to user requests. A processing device (304) creates, maintains, tracks, and forwards escalation records based on the received records. A system input/output interface is provided for handling the user requests, using a generic application on the individual workstations.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.a method for escalating records on internal architecture

2.a computer readable medium for storing instructions for performing a method for real time escalation of records.

USE - Used for tracking escalation in a telephone system e.g. wireless telephone, wire line telephone, facsimile machine, personal computer, and pager.

ADVANTAGE - The system provides real-time record escalation and eliminates the need for downloading or installing client software for accessing the database.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram depicting a computing device that is used to implement an escalation tracking system.

302 Escalation tracking logic

304 Processing device

306 Memory

308 System input/output interface

342 User workstations

Title Terms/Index Terms/Additional Words: TRACK; SYSTEM; TELEPHONE; PROCESS ; DEVICE; MAINTAIN; FORWARDING; RECORD; INTERFACE; HANDLE; USER; REQUEST; APPLY; INDIVIDUAL

Class Codes

International Classification (Main): **G06F-017/00**

US Classification, Issued: 707104100

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-N01A2E; T01-S03; W01-C06

10/5/7 (Item 7 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014630042 - Drawing available

WPI ACC NO: 2004-812040/

XRPX Acc No: N2004-640630

Memory array charge loss activation energy determining method for e.g. flash memory, involves calculating activation energy for memory cell based on respective bake times to lose given amount of charge at respective temperatures

Patent Assignee: ADVANCED MICRO DEVICES INC (ADMI)

Inventor: HAMILTON D G; HSIA E; **RANDOLPH M W** ; TANPAIROJ K; ZHENG W

Patent Family (1 patents, 1 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
US 6813752	B1	20041102	US 2002306667	A	20021126	200480 B

Priority Applications (no., kind, date): US 2002306667 A 20021126

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6813752	B1	EN	13	8	

Alerting Abstract US B1

NOVELTY - The method involves programming two memory arrays with a pattern for testing charge loss. Respective bake times for the memory arrays are calculated to experience an arbitrary amount of charge loss at respective temperatures. Charge loss activation energy for a memory cell

that is represented by the arrays is calculated based on the respective bake times to lose the given amount of charge at the respective temperatures.

USE - Used for determining charge loss activation energy of a memory array in a memory device e.g. flash memory, that is utilized in a digital camera.

ADVANTAGE - The method cycles the wafers to determine the causes of failure that are undetectable without performing endurance cycling.

DESCRIPTION OF DRAWINGS - The drawing shows a flowchart illustrating a method for calculating charge loss activation energy.

Title Terms/Index Terms/Additional Words: MEMORY; ARRAY; CHARGE; LOSS; ACTIVATE; ENERGY; DETERMINE; METHOD; FLASH; CALCULATE; CELL; BASED; RESPECTIVE; BAKE; TIME; LOSE; AMOUNT; TEMPERATURE

Class Codes

International Classification (Main): **G06F-017/50**

(Additional/Secondary): G01R-031/26

US Classification, Issued: 716004000, 716004000, 438017000

File Segment: EPI;

DWPI Class: S01; T01; U14

Manual Codes (EPI/S-X): S01-G02B5; T01-G02A2D; T01-J15H; U14-A03B7; U14-D01B

10/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014390114 - Drawing available

WPI ACC NO: 2004-579350/200456

XRPX Acc No: N2004-457906

Voice browser dialog enabler for wireless communication system, has voice browser driver to provide fragments from speech recognition application and generates identifiers identifying fragments

Patent Assignee: ENGELSMA J (ENGE-I); FERRANS J (FERR-I); MOTOROLA INC (MOTI); PEARCE M (PEAR-I); RANDOLPH M (RAND-I); VOGEDS J (VOGE-I)

Inventor: ENGELSMA J; FERRANS J; PEARCE M; **RANDOLPH M**; VOGEDS J

Patent Family (7 patents, 108 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20040138890	A1	20040715	US 2003339067	A	20030109	200456 B
WO 2004064299	A2	20040729	WO 2004US497	A	20040108	200456 E
EP 1588353	A2	20051026	EP 2004700874	A	20040108	200570 E
			WO 2004US497	A	20040108	
TW 200426780	A	20041201	TW 2004100557	A	20040109	200612 E
US 7003464	B2	20060221	US 2003339067	A	20030109	200615 E
CN 1735929	A	20060215	CN 200480002060	A	20040108	200643 E
KR 2005100608	A	20051019	WO 2004US497	A	20040108	200649 E
			KR 2005712829	A	20050708	

Priority Applications (no., kind, date): US 2003339067 A 20030109

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040138890	A1	EN	11	5	
WO 2004064299	A2	EN			

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
 MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
 TT TZ UA UG UZ VC VN YU ZA ZM ZW
 Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES
 FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL
 SZ TR TZ UG ZM ZW
 EP 1588353 A2 EN PCT Application WO 2004US497
 Based on OPI patent WO 2004064299
 Regional Designated States, Original: AL AT BE BG CH CY CZ DE DK EE ES FI
 FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
 TW 200426780 A ZH
 KR 2005100608 A KO PCT Application WO 2004US497
 Based on OPI patent WO 2004064299

Alerting Abstract US A1

NOVELTY - The system has a voice browser driver providing fragments from a speech recognition application and generating identifiers to identify the fragments. A voice browser implementation receives the fragments from the voice browser driver and downloads speech grammars, where subsequent input speech matches against the grammars with the corresponding identifiers received in a speech recognition request from the voice browser driver.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a voice browser for multimodal dialog in a communication system
- 2.a method for enabling dialog with a voice browser for a communication system.

USE - Used for a communication system (claimed) e.g. cellular phone.

ADVANTAGE - The multimodal application can be written as a standalone program instead of a browser application by having the common voice browser driver such that the improvement is accomplished at very little cost in the communication device.

DESCRIPTION OF DRAWINGS - The drawing shows a flow chart depicting the steps of multimodal dialog.

Title Terms/Index Terms/Additional Words: VOICE; DIALOGUE; WIRELESS;
 COMMUNICATE; SYSTEM; DRIVE; FRAGMENT; SPEECH; RECOGNISE; APPLY; GENERATE;
 IDENTIFY

Class Codes

International Classification (Main): G10L-021/00, **G06F-015/00**

(Additional/Secondary): **G06F-017/00**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G10L-0015/26 A I R 20060101

G10L-0021/00 A I F B 20060101

G10L-0021/00 A I F 20060101

G10L-0015/00 C I R 20060101

US Classification, Issued: 704270100, 704270100, 704270000, 704201000,
 715760000

File Segment: EngPI; EPI;

DWPI Class: T01; W01; W04; P86

Manual Codes (EPI/S-X): T01-J18; T01-N03A1; W01-C01D3C; W01-C01Q3; W04-V04A

10/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014119781 - Drawing available

WPI ACC NO: 2004-304256/200428

XRPX Acc No: N2004-242290

Symbol and sound correlation method for cellular telephone, involves using dictionary consisting of each node representing only one symbol associated with only one sound

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: MA C; **RANDOLPH M**

Patent Family (4 patents, 104 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040059574	A1	20040325	US 2002251354	A	20020920	200428 B
WO 2004027752	A1	20040401	WO 2003US29137	A	20030916	200431 E
AU 2003272466	A1	20040408	AU 2003272466	A	20030916	200462 E
US 6999918	B2	20060214	US 2002251354	A	20020920	200613 E

Priority Applications (no., kind, date): US 2002251354 A 20020920

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040059574	A1	EN	8	6	
WO 2004027752	A1	EN			

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Regional Designated States, Original: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2003272466 A1 EN Based on OPI patent WO 2004027752

Alerting Abstract US A1

NOVELTY - Dictionary consisting of a dendroid hierarchy of branches and nodes, is used for translating sequence of symbols into sequence of sounds. Each node represents one of the symbols, and each symbol in the node has only one sound. Each branch includes several nodes representing a string of symbols in a particular sequence.

DESCRIPTION - An INDEPENDENT CLAIM is also included for symbol and sound correlation apparatus.

USE - For correlating symbol and sound for computer, personal digital assistant (PDA), cellular telephone, wireless and cordless telephones. Also, for speech synthesis.

ADVANTAGE - Provides dictionary and corresponding process well suited to facilitate various symbols to sound activities in a way that potentially requires less memory and computational capacity, consumes less time and does not confuse the user.

DESCRIPTION OF DRAWINGS - The figure shows the detailed flow diagram explaining the symbol and sound correlation process.

Title Terms/Index Terms/Additional Words: SYMBOL; SOUND; CORRELATE; METHOD; CELLULAR; TELEPHONE; DICTIONARY; CONSIST; NODE; REPRESENT; ONE; ASSOCIATE

Class Codes

International Classification (Main): G10L-013/00, G10L-015/04

(Additional/Secondary): G10L-013/08

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/21 A I L B 20060101

G10L-0013/00 A I F B 20060101

US Classification, Issued: 704254000, 704010000, 704260000

File Segment: EngPI; EPI;

DWPI Class: T01; W01; W04; P86

Manual Codes (EPI/S-X): T01-M06A1A; W01-C01D1A; W01-C01D3C; W04-V04C

10/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013531758 - Drawing available

WPI ACC NO: 2003-625181/200359

Related WPI Acc No: 2005-394078; 2005-434041; 2006-260102

XRPX Acc No: N2003-497425

Method for renting items e.g. movies to customers, involves providing specified number of items to customer in response to one or more item delivery criteria being satisfied

Patent Assignee: NETFLIX.COM INC (NETF-N)

Inventor: **HASTINGS W R ; HUNT N D ; RANDOLPH M B**

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6584450	B1	20030624	US 2000561041	A	20000428	200359 B

Priority Applications (no., kind, date): US 2000561041 A 20000428

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6584450	B1	EN	23	7	

Alerting Abstract US B1

NOVELTY - A specified number of items indicated by the item selection criteria are provided to the customer. In response to receiving any of the items provided to the customer, one or more items indicated by the selection criteria are provided to the customer, so that the total number of items provided to the customer does not exceed the specified number.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a computer-readable medium carrying sequences of instructions to cause processors to perform the method; and
- 2.an apparatus for renting items to consumers.

USE - For renting items such as movies, video games or music to customers using inventory rental models.

ADVANTAGE - Customers specify what items to rent using the item selection criteria and receive the items at a future point in time, without shopping. The selection criteria is user specific and indicates a desired fulfillment sequence allowing more efficient inventory management.

DESCRIPTION OF DRAWINGS - The figure illustrates an approach for renting audio/video items to customers over the Internet using both Max out and Max turns.

Title Terms/Index Terms/Additional Words: METHOD; RENT; ITEM; CUSTOMER; SPECIFIED; NUMBER; RESPOND; ONE; MORE; DELIVER; CRITERIA; SATISFY

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705026000

File Segment: EPI;
 DWPI Class: T01
 Manual Codes (EPI/S-X): T01-J05A2A; T01-S03

10/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012671451

WPI ACC NO: 2002-521597/

XRAM Acc No: C2002-147751

XRPX Acc No: N2002-412738

A computer-based probe selection method for gene expression monitoring, involves predicting hybridization intensities of probes from which the probe with the highest intensity difference over the corresponding control probe is selected

Patent Assignee: AFFYMETRIX INC (AFFY-N)

Inventor: **HUNT N**

Patent Family (3 patents, 28 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 1209612	A2	20020529	EP 2001309785	A	20011121	200256 B
CA 2363518	A1	20020521	CA 2363518	A	20011120	200256 E
JP 2002357606	A	20021213	JP 2001355292	A	20011120	200311 E

Priority Applications (no., kind, date): US 2000721042 A 20001121

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 1209612	A2	EN	32	8		
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR						
IE IT LI LT LU LV MC MK NL PT RO SE SI TR						
CA 2363518	A1	EN				
JP 2002357606	A	JA	22			

Alerting Abstract EP A2

NOVELTY - Hybridization intensities of several nucleic acid probe arrays, and their corresponding control probes, are predicted (M1), the probe with the highest intensity difference over its corresponding control probe is selected.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. predicting (M2) hybridization affinity ;
- 2.a computer program product (I) storing the probe selection program;
and
- 3.a computer program (II) storing the instructions for probe selection.

USE - (M1) is useful for selecting probes to monitor gene expression for analyzing DNA micro-arrays and to detect mutations.

ADVANTAGE - Enhances mutation detection, selecting probes and quality control of probe manufacturing process with improved efficiency.

Title Terms/Index Terms/Additional Words: COMPUTER; BASED; PROBE; SELECT; METHOD; GENE; EXPRESS; MONITOR; PREDICT; HYBRID; INTENSITY; HIGH; DIFFER; CORRESPOND; CONTROL

Class Codes

International Classification (Main): G01N-033/53, **G06F-017/00**,
G06F-019/00
 (Additional/Secondary): C12N-015/09, G01N-037/00

File Segment: CPI; EPI
 DWPI Class: B04; D16; T01
 Manual Codes (EPI/S-X): T01-J
 Manual Codes (CPI/A-M): B04-E01; B04-E05; B11-C08E5; B11-C08E6; B12-K04E;
 B12-K04F; D05-H09; D05-H12D1

10/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012341071 - Drawing available

WPI ACC NO: 2002-283301/

XRPX Acc No: N2002-221364

Bus system for personal computers, has slave device including translation device, to perform direct to indirect address transaction translation and to map address values

Patent Assignee: HUNT N M (HUNT-I); RIDGEWAY SYSTEMS & SOFTWARE LTD
 (RIDG-N); ROSS M P (ROSS-I)

Inventor: **HUNT N M** ; ROSS M P

Patent Family (6 patents, 94 countries)

Patent			Application					
Number	Kind	Date	Number	Kind	Date	Update		
GB 2362482	A	20011121	GB 200011599	A	20000515	200233	B	
AU 200154977	A	20011126	AU 200154977	A	20010514	200233	E	
WO 2001088727	A1	20011122	WO 2001GB2092	A	20010514	200233	E	
GB 2379770	A	20030319	WO 2001GB2092	A	20010514	200321	E	
			GB 200226328	A	20021112			
US 20040054949	A1	20040318	WO 2001GB2092	A	20020514	200421	NCE	
			US 2003276486	A	20030908			
GB 2379770	B	20040922	WO 2001GB2092	A	20010514	200462	E	
			GB 200226328	A	20010514			

Priority Applications (no., kind, date): US 2003276486 A 20030908; GB
 200011599 A 20000515

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
GB 2362482	A	EN	34	8	
AU 200154977	A	EN			Based on OPI patent WO 2001088727
WO 2001088727	A1	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
 BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA
 ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
 GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

GB 2379770	A	EN			PCT Application WO 2001GB2092
					Based on OPI patent WO 2001088727
US 20040054949	A1	EN			PCT Application WO 2001GB2092
GB 2379770	B	EN			PCT Application WO 2001GB2092
					Based on OPI patent WO 2001088727

Alerting Abstract GB A

NOVELTY - A multiplexed address/data bus transfers data blocks (63,76)
 between bus master and slave devices. The slave device includes a

transaction translation device between the bus and an indirect address device, to translate a direct address transaction (61) on the bus, to indirect address transactions (71,72) and to map the bus space address value (62) to destination address value (74).

DESCRIPTION - An INDEPENDENT CLAIM is also included for method of communicating data blocks through computer bus system.

USE - Bus system for personal computer.

ADVANTAGE - Allows unrestricted concurrent access to slave device, and enables data to be transferred directly from source to destination, without the need for all data to go through a single system master device. Hence halves the bus bandwidth used for transfer and reduces latency. Facilitates direct data transfers, without data corruption.

DESCRIPTION OF DRAWINGS - The figure shows a schematic diagram explaining direct to indirect address transaction translation.

61Direct address transaction

62Bus space address value

63,76Data blocks

71,72Indirect address transactions

74Destination address value

Title Terms/Index Terms/Additional Words: BUS; SYSTEM; PERSON; COMPUTER; SLAVE; DEVICE; TRANSLATION; PERFORMANCE; DIRECT; INDIRECT; ADDRESS; TRANSACTION; MAP; VALUE

Class Codes

International Classification (Main): G01R-031/28, **G06F-012/10** ,

G06F-013/42

(Additional/Secondary): **G06F-012/02** , **G06F-009/35**

US Classification, Issued: 714726000

File Segment: EPI;

DWPI Class: T01; U21

Manual Codes (EPI/S-X): T01-F03A; T01-H05B3; T01-H07A2; T01-H07B; U21-C02

10/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009261714 - Drawing available

WPI ACC NO: 1999-189950/

XRPX Acc No: N1999-138980

Information monitoring and collection system for CATV

Patent Assignee: AT & T CORP (AMTT)

Inventor: JOHNSON C G; LAKSHMI-RATAN R A; **LANNING S G** ; RENGIER B S L

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 5878384	A	19990302	US 1996625607	A	19960329	199916 B

Priority Applications (no., kind, date): US 1996625607 A 19960329

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5878384	A	EN	9	2	

Alerting Abstract US A

NOVELTY - The sub-program module (102) between the personal computer (24) and commercial online information service (50), monitors the characteristics of the data transmission and the execution control flow

between the calling program and target program modules (100,104). A memory (106) collects specific attribute data, during data transmission.

DESCRIPTION - Several external devices communicate with several information services over a communication medium (16). The computer having an operating system for executing the calling program, generates function calls to target program to facilitate interface between the external device and information service. An INDEPENDENT CLAIM is included for information collection and monitoring method.

USE - For CATV, telecommunication network and internet.

ADVANTAGE - The trapping of all function calls and messages allows for the complete logging and profiling of target module operations, thereby real-time interaction between the user and the service is enhanced.

DESCRIPTION OF DRAWINGS - The figures represent block diagram of monitoring and collection system.

16 Communication medium
24 Personal computer
50 Commercial online information service
100,104 Calling and target program modules
102 Sub-program module
106 Memory

Title Terms/Index Terms/Additional Words: INFORMATION; MONITOR; COLLECT; SYSTEM; CATV

Class Codes

International Classification (Main): **G06F-017/00**

US Classification, Issued: 702187000, 395200300, 395200540, 395680000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F04; T01-G05C; T01-J07A

10/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0005375591 - Drawing available

WPI ACC NO: 1990-375648/199050

XRPX Acc No: N1990-286310

Small-scale work space representations - indicating activities by other users and allowing shared data to be accessed by more than one user

Patent Assignee: XEROX CORP (XERO)

Inventor: BOBROW D G; FOSTER G S; **LANNING S M** ; STEFIK M J; TATAR D G

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 4974173	A	19901127	US 1987127814	A	19871202	199050 B
			US 1990485793	A	19900222	

Priority Applications (no., kind, date): US 1990485793 A 19900222

Alerting Abstract US A

A small-scale representation of the body of shared data display-ed to one user includes an indication of the activities of other users. A user that is not viewing the shared data at full scale can thus obtain information about the activities of other users from a small-scale representation.

The small-scale representation can indicate the type of activity, the extent or rate of changes in the shared data, the other users viewing the full-scale representation, or can show the shared data in shrunken form,

indicating the parts that have been changed. The extent or rate of changes can be indicated with a quantitative indicator such as a gauge.

ADVANTAGE - Allows collaboration between users for viewing/operating or shared data. Provides a smaller representation of the shared data.

Title Terms/Index Terms/Additional Words: SCALE; WORK; SPACE; REPRESENT; INDICATE; ACTIVE; USER; ALLOW; SHARE; DATA; ACCESS; MORE; ONE

Class Codes

(Additional/Secondary): **G06F-003/14**

US Classification, Issued: 395153000, 340717000, 340721000, 395157000, 395159000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J

10/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0005247040 - Drawing available

WPI ACC NO: 1990-240473/

XRPX Acc No: N1990-186617

CAD model to video image registration e.g. for IC positioning - providing optical image of device, generating synthetic image, filtering images, bin arising results and correlating images

Patent Assignee: SCHLUMBERGER TECHNOLOGY CORP (SLMB)

Inventor: CROSSLEY P A; **HUNT N D**; NISHIHARA H K

Patent Family (2 patents, 5 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 381067	A	19900808	EP 1990101560	A	19900126	199032 B
EP 381067	A3	19920812	EP 1990101560	A	19900126	199336 E

Priority Applications (no., kind, date): US 1989304943 A 19890131

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 381067	A	EN			
Regional Designated States,Original: DE FR GB IT NL					
EP 381067	A3	EN			

Alerting Abstract EP A

The positioning method comprises the steps of providing an optical image of the surface of the device, obtained with an imaging device such as a video camera and a microscope, generating a synthetic CAD image from the CAD database, subjecting both images to a filtering operation (Laplacian of Gaussian convolution), bin arising (taking the sign of) the results, and correlating the two filtered and binarised images (referred to as 'processed' images) to determine relative alignment. A positioning head to which a camera is mounted is driven to the approximate location of the IC site by a positioning mechanism.

The camera image of the area near the IC site on the PCB is filtered and binarised and correlated with a processed CAD image of the region surrounding the IC site. This establishes the actual position of the camera. The positioning head is then moved by the indicated amount.

ADVANTAGE - Immune to noise, requires few adjustments.

Title Terms/Index Terms/Additional Words: CAD; MODEL; VIDEO; IMAGE;
REGISTER; IC; POSITION; OPTICAL; DEVICE; GENERATE; SYNTHETIC; FILTER; BIN
; ARISE; RESULT; CORRELATE

Class Codes

(Additional/Secondary): **G06F-015/70**

File Segment: EPI;

DWPI Class: T01; T04; V04

Manual Codes (EPI/S-X): T01-J07; T01-J10; T01-J15A; T04-D; V04-R04; V04-R06
; V04-V01

10/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0004497199 - Drawing available

WPI ACC NO: 1988-242707/198834

**Simulation system for visual signal processing circuits - analyses timing
of circuit for distinct groups of components which must operate in
synchronism and calculating scaling factors**

Patent Assignee: SCHLUMBERGER SYST (SLMB)

Inventor: DEERING M F; **HUNT N**

Patent Family (1 patents, 1 countries)

Patent			Application				
Number	Kind	Date	Number	Kind	Date	Update	
US 4763288	A	19880809	US 1985815471	A	19851231	198834	B

Priority Applications (no., kind, date): US 1985815471 A 19851231

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 4763288	A	EN	52	10	

Alerting Abstract US A

The simulation system provides a detailed, pixel level analysis of the timing while actually performing the simulation at the frame level. Input to the circuit is the form of images captured by a video camera. The processing of a frame of image data by each circuit component is simulated and the resulting frames of image data are stored until they are no longer needed by other components. The output of the simulated circuit is displayed on a monitor.

The timing of the circuit is analysed for distinct groups of components which must operate in Scaling factors are calculated for each net in the group from the incremental scaling rate of each component and the connectivity of the circuit. The scaling factors indicate the relative rate at which value pixels arrive at each net. The time at which a reference pixel arrives at each net is then to ensure that corresponding pixels arrive together at components with multiple inputs.

When the circuit is simulated, the start time and finish time for each component is determined, giving the execution time for the circuit. Output data from a group is made available to other groups when the simulated time is advanced to the finish time for the group.

ADVANTAGE - Proper timing is assured without performing simulation at pixel level.

Title Terms/Index Terms/Additional Words: SIMULATE; SYSTEM; VISUAL; SIGNAL;
PROCESS; CIRCUIT; ANALYSE; TIME; DISTINCT; GROUP; COMPONENT; MUST;
OPERATE; SYNCHRONISATION; CALCULATE; SCALE; FACTOR

Class Codes

(Additional/Secondary): **G06F-011/00** , G06G-007/48
US Classification, Issued: 364578000, 371022400, 371023000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05; T01-J10; T01-J15A1

10/5/17 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01431327

Methods and computer software products for predicting nucleic acid hybridization affinity

Verfahren und Computerprogrammprodukte zur vorhersage von Hybridisierungsaffinitat von Nukleinsauren

Procedes et produits logiciels d'ordinateur pour la prediction de l'affinite d'hybridation d'acides nucleides

PATENT ASSIGNEE:

Affymetrix, Inc., (2060631), 3380 Central Expressway, Santa Clara, CA 95051, (US), (Applicant designated States: all)

INVENTOR:

Hunt, Nathaniel , 226 Orange Street, No. 1, Oakland, California 94610, (US)

LEGAL REPRESENTATIVE:

Chapman, Paul William et al (73612), Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1209612 A2 020529 (Basic)

APPLICATION (CC, No, Date): EP 2001309785 011121;

PRIORITY (CC, No, Date): US 721042 001121

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): **G06F-019/00**

ABSTRACT EP 1209612 A2

Methods and computer software products are provided for predicting nucleic acid hybridization affinity. In one embodiment, hybridization intensity (I) is determined using the equation: where P_i is the value of the i th parameter and S_i is a value derived from the sequence of the probe. The methods and software products of the invention may be used for enhancing mutation detection, probe selection and probe array manufacturing quality control.

ABSTRACT WORD COUNT: 69

NOTE:

Figure number on first page: 3A

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020529 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	1150
SPEC A	(English)	200222	7894
Total word count - document A			9044
Total word count - document B			0
Total word count - documents A + B			9044

10/5/18 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01380668

DIRECT SLAVE ADDRESSING TO INDIRECT SLAVE ADDRESSING

DIREKTE SLAVE-ADRESSIERUNG ZU INDIREKTER SLAVE-ADRESSIERUNG

CONVERSION D'ADRESSAGE ASSERVI DIRECT EN ADRESSAGE ASSERVI INDIRECT

PATENT ASSIGNEE:

Ridgeway Systems and Software Ltd., (2838000), 66 Suttons Business Park,
Earley, Reading RG6 1AZ, (GB), (Applicant designated States: all)

INVENTOR:

HUNT, Nevil, Morley , 35 Cambrian Way, Calcot, Reading RG31 7DD, (GB)
ROSS, Malcolm, Philip, 11 Steggles Close, Woodley, Reading RG5 3AH, (GB)
PATENT (CC, No, Kind, Date):

WO 2001088727 011122

APPLICATION (CC, No, Date): EP 2001928113 010514; WO 2001GB2092 010514

PRIORITY (CC, No, Date): GB 11599 000515

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): **G06F-013/42**

CITED PATENTS (WO A): EP 627689 A ; EP 965924 A ; EP 798644 A

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020116 A1 International application. (Art. 158(1))

Application: 020116 A1 International application entering European
phase

Application: 030813 A1 International application. (Art. 158(1))

Appl Changed: 030813 A1 International application not entering European
phase

Withdrawal: 030813 A1 Date application deemed withdrawn: 20021217

LANGUAGE (Publication,Procedural,Application): English; English; English

10/5/19 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00582581

METHOD AND APPARATUS FOR MODIFYING RELOCATABLE OBJECT CODE FILES

**VERFAHREN UND VORRICHTUNG ZUR AENDERUNG VON DYNAMISCHE ZUWEISBAREN
OBJEKTCODEDATEIEN**

**PROCEDE ET APPAREIL DE MODIFICATION DE FICHIERS DE CODES RESULTANT
TRANSLATABLES**

PATENT ASSIGNEE:

Rational Software Corporation, (2815530), 18880 Homestead Road,
Cupertino, California 95014, (US), (Proprietor designated states: all)

INVENTOR:

HASTINGS , Reed , 215 Roquena Drive, La Honda, CA 94020, (US)

LEGAL REPRESENTATIVE:

Goodman, Simon John Nye (73361), Reddie & Grose, 16 Theobalds Road,
London WC1X 8PL, (GB)

PATENT (CC, No, Kind, Date): EP 591360 A1 940413 (Basic)

EP 591360 A1 960417

EP 591360 B1 020904

WO 93000633 930107

APPLICATION (CC, No, Date): EP 92913752 920605; WO 92US4672 920605

PRIORITY (CC, No, Date): US 718573 910621

DESIGNATED STATES: CH; DE; FR; GB; IT; LI; NL; SE
 INTERNATIONAL PATENT CLASS (V7): **G06F-011/34** ; **G06F-009/445** ;
G06F-009/45 ; **G06F-011/00**

CITED PATENTS (EP B): EP 237637 A; EP 403415 A; US 4533997 A

CITED REFERENCES (EP B):

DAVID GRIES 'Compiler construction for digital computers' 1971 , JOHN
 WILEY & SONS , NEW YORK, US Par. 17.6 object modules * page 366 - page
 374 *
 WILLIAM M. WAITE ET AL. 'Compiler construction' 1984 , SPRINGER VERLAG ,
 NEW YORK, US Chapter 11 * page 282 - page 291 *
 SOFTWARE PRACTICE & EXPERIENCE, vol.17, no.3, March 1987, CHICHESTER GB
 pages 227 - 239 FUN TING CHAN ET AL. 'AIDA - A Dynamic Data Flow
 Anomaly Detection System for Pascal Programs'
 USENIX, Winter 1990, S.C. JOHNSON, "Postloading for Fun and Profit", pp.
 325-330.
 Proceedings of the AMC Sigplan '90 Conference, June 20-22, 1990, PETER B.
 KESSLER, "Fast Breakpoints: Design and Implementation", pp. 78-84.
 Software Practice and Experience, Vol. 17 (10), October 1987, MATT
 BISHOP, "Profiling Under UNIX by Patching", pp. 729-739.
 ACM 0-89791-300-0/89/0004/0078, 1989, MELLOR-CRUMMEY et al., "A Software
 Instruction Counter", pp. 78-86.;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 010725 A1 International Patent Classification changed:
 20010605
 Application: 940413 A1 Published application (A1with Search Report
 ;A2without Search Report)
 Oppn None: 030827 B1 No opposition filed: 20030605
 Assignee: 020626 A1 Transfer of rights to new applicant: Rational
 Software Corporation (2815530) 18880 Homestead
 Road Cupertino, California 95014 US
 Change: 010725 A1 Title of invention (German) changed: 20010605
 Change: 010725 A1 Title of invention (English) changed: 20010605
 Change: 010725 A1 Title of invention (French) changed: 20010605
 Grant: 020904 B1 Granted patent
 Examination: 940413 A1 Date of filing of request for examination:
 940121
 Change: 941019 A1 Obligatory supplementary classification
 (change)
 Change: 950809 A1 Representative (change)
 *Assignee: 960313 A1 Applicant (transfer of rights) (change): PURE
 SOFTWARE, INC. (1598951) 1309 South Mary Avenue
 Sunnyvale, CA 94087 (US) (applicant designated
 states: CH;DE;FR;GB;IT;LI;NL;SE)
 *Assignee: 960313 A1 Previous applicant in case of transfer of
 rights (change): PURE SOFTWARE, INC. (1598950)
 2111 Grant Road Los Altos 94024 (US) (applicant
 designated states: CH;DE;FR;GB;IT;LI;NL;SE)
 Search Report: 960417 A1 Drawing up of a supplementary European search
 report: 960229
 *Search Report: 960508 A1 Drawing up of a supplementary European search
 report (change): 960318
 Examination: 980603 A1 Date of despatch of first examination report:
 980420

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200236	1478
CLAIMS B	(German)	200236	1362
CLAIMS B	(French)	200236	1692

SPEC B (English) 200236 7298
Total word count - document A 0
Total word count - document B 11830
Total word count - documents A + B 11830

10/5/20 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00386648

A method for registration of CAD model to video images with added clutter.
Verfahren zur C.A.D.-Modellspeicherung auf Videobildern mit Addierung der
Unordnung.

Methode d'enregistrement de modele C.A.D. sur des images video avec
addition de fouillis.

PATENT ASSIGNEE:

SCHLUMBERGER TECHNOLOGIES, INC., (977193), 2707 Orchard Parkway, San
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Hunt, Neil D., 450 Anza Street, Mountain View, California 94301, (US)
Crossley, P. Anthony, 222A Sailmaster, Austin, Texas 78734, (US)

LEGAL REPRESENTATIVE:

Sparing Rohl Henseler Patentanwälte European Patent Attorneys (100362),
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PATENT (CC, No, Kind, Date): EP 381067 A2 900808 (Basic)
EP 381067 A3 920812

APPLICATION (CC, No, Date): EP 90101560 900126;

PRIORITY (CC, No, Date): US 304943 890131

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS (V7): **G06F-015/70** ;

CITED PATENTS (EP A): EP 254644 A

ABSTRACT EP 381067 A2

A technique for position-finding on a manufactured device such as an integrated circuit ("IC") or a printed circuit board ("PCB"), relating the observed image to a description such as the CAD database that was used to create the devices. The technique contemplates providing an optical image of the surface of the device, obtained with an imaging device such as a video camera and a microscope, generating a synthetic CAD image from the CAD database, subjecting both images to a filtering operation (Laplacian of Gaussian convolution), binarizing (taking the sign of) the results, and correlating the two filtered and binarized images (referred to as "processed" images) to determine relative alignment. One application of the invention is to allow precision positioning of a positioning head relative to a workpiece such as placing an IC device (12) on a PCB (15). A positioning head (17) to which a camera (22) is mounted is driven to the approximate location of the IC site by a positioning mechanism. The positioning mechanism need not be accurate for large increments of travel, but must be capable of providing small relative displacements with high precision. The camera image of the area near the IC site on the PCB is filtered and binarized, and correlated with a processed CAD image of the region surrounding the IC site. This establishes the actual position of the camera (and therefore the positioning head). The positioning head is then moved by the indicated amount. (see image in original document)

ABSTRACT WORD COUNT: 254

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900808 A2 Published application (A1with Search Report
;A2without Search Report)
Search Report: 920812 A3 Separate publication of the European or
International search report
Examination: 930224 A2 Date of filing of request for examination:
921217
Examination: 950322 A2 Date of despatch of first examination report:
950206
Withdrawal: 960124 A2 Date on which the European patent application
was deemed to be withdrawn: 950801

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	579
SPEC A	(English)	EPABF1	7557
Total word count - document A			8136
Total word count - document B			0
Total word count - documents A + B			8136

10/5/21 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00855069 **Image available**

DIRECT SLAVE ADDRESSING TO INDIRECT SLAVE ADDRESSING**CONVERSION D'ADRESSAGE ASSERVI DIRECT EN ADRESSAGE ASSERVI INDIRECT**

Patent Applicant/Assignee:

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RG6 1AZ, GB, GB (Residence), GB (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

HUNT Nevil Morley, 35 Cambrian Way, Calcot, Reading RG31 7DD, GB, GB
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ROSS Malcolm Philip, 11 Steggles Close, Woodley, Reading RG5 3AH, GB, GB
(Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

MCLEAN Robert Andreas (et al) (agent), Dummett Copp, 25 The Square,
Martlesham Heath, Ipswich IP5 3SL, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200188727 A1 20011122 (WO 0188727)
Application: WO 2001GB2092 20010514 (PCT/WO GB0102092)
Priority Application: GB 200011599 20000515

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): **G06F-013/42**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 6864

English Abstract

A computer bus system comprises: a direct address bus; at least one bus master device and at least one bus slave device, the bus master device and bus slave device being connected to the bus so that the bus master device may communicate with the bus slave device over the bus.

French Abstract

L'invention concerne un systeme de bus informatique comprenant un bus d'adressage direct, au moins un dispositif maitre de bus et au moins un dispositif esclave de bus, le dispositif maitre de bus et le dispositif esclave de bus etant connectes au bus de facon que le dispositif maitre de bus puisse communiquer avec le dispositif esclave de bus sur le bus.

Legal Status (Type, Date, Text)

Publication 20011122 A1 With international search report.

Publication 20011122 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20020207 Request for preliminary examination prior to end of 19th month from priority date

10/5/22 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00229185 **Image available**

METHOD AND APPARATUS FOR IDENTIFYING MEMORY LEAKS AND TRACKING POINTERS IN A COMPUTER PROGRAM

PROCEDE ET APPAREIL DESTINE A IDENTIFIER DES FUITES DE MEMOIRE ET A RECHERCHER DES POINTEURS DANS UN PROGRAMME INFORMATIQUE

Patent Applicant/Assignee:

PURE SOFTWARE INC,

Inventor(s):

HASTINGS Reed ,

DAWES John,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9303435 A1 19930218

Application: WO 92US6419 19920803 (PCT/WO US9206419)

Priority Application: US 91259 19910808

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO

PL RO RU SD SE AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE BF BJ CF CG

CI CM GA GN ML MR SN TD TG

Main International Patent Class (v7): **G06F-011/34**

International Patent Class (v7): **G06F-12:02**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5339

English Abstract

A library of specialized routines (3) is described herein, some routines of which implement the malloc interface (110, 120, 130, 140). The malloc interface routines also label each allocated bloc with several items of information, including a partial call chain beginning with the caller of

malloc. Other routines use the information present in the label to track pointers and memory leaks, so as to help a programmer debug a program. In its most basic form, the method of tracking memory leaks includes the steps of: associating allocated blocks with partial call chains (510); marking allocated blocks with partial call chains (520); marking accessible allocated blocks (560); searching memory for unmarked allocated blocks (570); and, reporting partial call chains of unmarked allocated blocks (580).

French Abstract

Bibliothèque de programmes spécialisés (3), dont certains programmes mettent en oeuvre l'interface malloc (110, 120, 130, 140). Les programmes à interface malloc étiquettent également chaque bloc attribué à l'aide de plusieurs éléments d'information, y compris une chaîne d'appels partielle commençant par l'appelant de malloc. D'autres programmes utilisent l'information présente dans l'étiquette pour rechercher des pointeurs et des fuites de mémoire, de manière à aider un programmeur à mettre au point un programme. Dans sa forme la plus simple, le procédé de recherche des fuites de mémoire consiste à associer des blocs attribués à des chaînes d'appel partielles (510), à marquer les blocs attribués à l'aide de chaînes d'appel partielles (520), à marquer les blocs attribués accessibles (560), à rechercher dans la mémoire les blocs attribués non marqués (570) et à communiquer les chaînes d'appel partielles de blocs attribués non marqués (580).

10/5/23 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00226387

METHOD AND APPARATUS FOR MODIFYING RELOCATABLE OBJECT CODE FILES AND MONITORING PROGRAMS

PROCEDE ET APPAREIL DE MODIFICATION DE FICHIERS DE CODES RESULTANT TRANSLATABLES ET DE CONTROLE DE PROGRAMMES

Patent Applicant/Assignee:

PURE SOFTWARE INC,

HASTINGS Reed,

Inventor(s):

HASTINGS Reed ,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9300633 A1 19930107

Application: WO 92US4672 19920605 (PCT/WO US9204672)

Priority Application: US 91573 19910621

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO

PL RO RU SD SE US AT BE CH DE DK ES FR GB GR IT LU MC NL SE BF BJ CF CG

CI CM GA GN ML MR SN TD TG

Main International Patent Class (v7): **G06F-011/34**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9409

English Abstract

An object code expansion program (5) inserts new instructions and data between preexisting instructions and data of an object code file (1); offsets are modified to reflect new positions of the preexisting

instructions and data. For each item of preexisting object code (instructions or data), the following steps are performed: making a new code block comprising any desired new instructions and the item, and storing it as new object code; tracking the location of the item and the new code block within the new object code; and tracking items that contain inter-item offsets. Then, each inter-item offset is updated using the new location of the item or new code block, as required. Finally, offsets in symbol tables and relocation structures are updated with the new location of the item. This expansion program is used to add instructions to object code files to monitor memory accesses of another program.

French Abstract

Un programme d'extension (5) de code resultant insere de nouvelles instructions et donnees entre des instructions et des donnees preexistantes d'un fichier (1) de code resultant; des decallages sont modifies pour refleter de nouvelles positions des instructions et des donnees preexistantes. Pour chaque article de code resultant preexistant (instructions ou donnees), on procede aux etapes suivantes: production d'un nouveau bloc de codes comprenant les eventuelles instructions nouvelles voulues et l'article, et stockage de celui-ci comme nouveau code resultant; recherche de l'emplacement de l'article et du nouveau code de bloc dans le nouveau code resultant; et recherche d'articles presentant des decallages interarticle. Ensuite, on met a jour chaque decallage interarticle a l'aide du nouvel emplacement de l'article ou du nouveau bloc de code, selon le cas. Enfin, les decallages dans les tables de symboles et les structures de translation sont mises a jour avec les nouveaux emplacements de l'article. On utilise ce programme d'extension afin d'ajouter des instructions a des fichiers de code resultant pour controler les acces en memoire d'un autre programme.

Set	Items	Description
S1	46	AU=(HASTINGS, W? OR HASTINGS W? OR (W OR REED) (2N)HASTINGS) OR BY=((W OR REED) (2N)HASTINGS)
S2	102	AU=(HUNT, N? OR HUNT N? OR NEIL (2N)HUNT) OR BY=(NEIL (2N)HUN- NT)
S3	140	AU=(RANDOLPH, M? OR RANDOLPH M? OR MARC (2N)RANDOLPH) OR BY- =(MARC (2N)RANDOLPH)
S4	2	AU=(CIANCUTTI, J? OR CIANCUTTI J? OR JOHN (2N)CIANCUTTI) OR BY=(JOHN (2N)CIANCUTTI)
S5	17	AU=(LANNING, S? OR LANNING S? OR STANLEY (2N)LANNING) OR BY- =(STANLEY (2N)LANNING)
S6	0	S1 AND S2 AND S3 AND S4 AND S5
S7	2	S1 AND S2 AND S3
S8	294	S1 OR S2 OR S3 OR S4 OR S5
S9	3	S8 AND IC=G06F-017/60
S10	23	S8 AND IC=G06F?

? show files

File 350:Derwent WPIX 1963-2006/UD=200651

(c) 2006 The Thomson Corporation

File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

(c) 2006 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2006/ 200632

(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060803,UT=20060727

(c) 2006 WIPO/Univentio

4/5/2 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts..reserv.

01271146 **Image available**

APPROACH FOR ESTIMATING USER RATINGS OF ITEMS

APPROCHE POUR ESTIMER LA NOTATION DE REFERENCES PAR LES UTILISATEURS

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PURCELL Shawn Michael, 794 Melville Avenue, Palo Alto, California 94301,
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SHIH Lawrence Wen-Kai, 1837 Tambour Way, San Jose, California 95131, US,
US (Residence), US (Nationality), (Designated only for: US)

CIANCUTTI John Robert, 18692 Woodbank Way, Saratoga, California 95070
, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BECKER Edward (et al) (agent), Hickman Palermo Truong & Becker LLP, 2055
Gateway Place, Suite 550, San Jose, CA 95110-1089, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200576890 A2 20050825 (WO 0576890)

Application: WO 2005US3377 20050204 (PCT/WO US05003377)

Priority Application: US 2004773843 20040206

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12996

English Abstract

According to another embodiment of the invention, an approach is provided for estimating how a particular user would rate a particular item from a plurality of items. The approach is applicable to any type of items, including rental items such as movies, music and games, and the invention is not limited to any particular type of item. One or more items from the plurality of items that have ratings similar to the particular item are identified. Then, one or more other users are identified that have given ratings to the one or more items that are substantially similar to ratings given by the particular user to the one or more items. Finally, an estimation is made of how the particular user would rate the

particular item based upon ratings for the particular item given by the one or more other users.

French Abstract

Selon un autre mode de realisation de l'invention, on propose une approche permettant d'estimer la facon dont un utilisateur particulier noterait dans une pluralite de references une reference consideree prise. L'approche peut s'appliquer a tous types de references, y-compris des references de location telles que le cinema, la musique et les jeux, l'invention ne se limitant pas a un type particulier de reference. On identifie dans la pluralite de references une ou plusieurs references dont les notes sont semblables a celle de la reference consideree. On identifie ensuite un ou plusieurs utilisateurs qui ont donne aux references considerees des notes sensiblement semblables a celle des references considerees. Enfin, on estime la facon dont un utilisateur particulier noterait la reference consideree sur la base des notes attribuees a la reference consideree par les utilisateurs consideres.

Legal Status (Type, Date, Text)

Publication 20050825 A2 Without international search report and to be republished upon receipt of that report.

Set	Items	Description
S1	238	AU=(HASTINGS, W? OR HASTINGS W? OR HASTINGS, R? OR HASTINGS R? OR (W OR REED) (2N)HASTINGS) OR BY=((W OR REED) (2N)HASTINGS)
S2	206	AU=(HUNT, N? OR HUNT N? OR NEIL(2N)HUNT) OR BY=(NEIL(2N)HUNT)
S3	203	AU=(RANDOLPH, M? OR RANDOLPH M? OR MARC(2N)RANDOLPH) OR BY=(MARC(2N)RANDOLPH)
S4	0	AU=(CIANCUTTI, J? OR CIANCUTTI J? OR JOHN(2N)CIANCUTTI) OR BY=(JOHN(2N)CIANCUTTI)
S5	25	AU=(LANNING, S? OR LANNING S? OR STANLEY(2N)LANNING) OR BY=(STANLEY(2N)LANNING)
S6	0	S1 AND S2 AND S3 AND S5
S7	0	S1 AND S2 AND S3
S8	672	S1 OR S2 OR S3 OR S5
S9	6	S8 AND (MOVIE? OR FILM OR FILMS OR DVD OR DVDS)
S10	5	RD (unique items)
File	2:INSPEC 1898-2006/Jul W5	(c) 2006 Institution of Electrical Engineers
File	35:Dissertation Abs Online 1861-2006/Jun	(c) 2006 ProQuest Info&Learning
File	65:Inside Conferences 1993-2006/Aug 10	(c) 2006 BLDSC all rts. reserv.
File	99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul	(c) 2006 The HW Wilson Co.
File	474:New York Times Abs 1969-2006/Aug 09	(c) 2006 The New York Times
File	475:Wall Street Journal Abs 1973-2006/Aug 09	(c) 2006 The New York Times
File	583:Gale Group Globalbase(TM) 1986-2002/Dec 13	(c) 2002 The Gale Group
File	15:ABI/Inform(R) 1971-2006/Aug 10	(c) 2006 ProQuest Info&Learning
File	20:Dialog Global Reporter 1997-2006/Aug 10	(c) 2006 Dialog
File	610:Business Wire 1999-2006/Aug 10	(c) 2006 Business Wire.
File	810:Business Wire 1986-1999/Feb 28	(c) 1999 Business Wire
File	476:Financial Times Fulltext 1982-2006/Aug 11	(c) 2006 Financial Times Ltd
File	613:PR Newswire 1999-2006/Aug 10	(c) 2006 PR Newswire Association Inc
File	813:PR Newswire 1987-1999/Apr 30	(c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury Jun 1985-2006/Aug 09	(c) 2006 San Jose Mercury News
File	624:McGraw-Hill Publications 1985-2006/Aug 10	(c) 2006 McGraw-Hill Co. Inc
File	9:Business & Industry(R) Jul/1994-2006/Aug 09	(c) 2006 The Gale Group
File	275:Gale Group Computer DB(TM) 1983-2006/Aug 09	(c) 2006 The Gale Group
File	621:Gale Group New Prod. Annou. (R) 1985-2006/Aug 09	(c) 2006 The Gale Group
File	636:Gale Group Newsletter DB(TM) 1987-2006/Aug 09	(c) 2006 The Gale Group
File	16:Gale Group PROMT(R) 1990-2006/Aug 09	(c) 2006 The Gale Group
File	160:Gale Group PROMT(R) 1972-1989	(c) 1999 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2006/Aug 09
(c)2006 The Gale Group
File 256:TecInfoSource 82-2006/Nov
(c) 2006 Info.Sources Inc
File 47:Gale Group Magazine DB(TM) 1959-2006/Aug 09
(c) 2006 The Gale group
File 570:Gale Group MARS(R) 1984-2006/Aug 09
(c) 2006 The Gale Group
File 635:Business Dateline(R) 1985-2006/Aug 10
(c) 2006 ProQuest Info&Learning
File 477:Irish Times 1999-2006/Aug 10
(c) 2006 Irish Times
File 710:Times/Sun.Times(London) Jun 1988-2006/Aug 10
(c) 2006 Times Newspapers
File 711:Independent(London) Sep 1988-2006/Aug 10
(c) 2006 Newspaper Publ. PLC
File 756:Daily/Sunday Telegraph 2000-2006/Aug 10
(c) 2006 Telegraph Group
File 757:Mirror Publications/Independent Newspapers 2000-2006/Aug 10
(c) 2006
File 387:The Denver Post 1994-2006/Aug 09
(c) 2006 Denver Post
File 471:New York Times Fulltext 1980-2006/Aug 10
(c) 2006 The New York Times
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers
File 494:St LouisPost-Dispatch 1988-2006/Aug 04
(c) 2006 St Louis Post-Dispatch
File 631:Boston Globe 1980-2006/Aug 09
(c) 2006 Boston Globe
File 633:Phil.Inquirer 1983-2006/Aug 02
(c) 2006 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2006/Aug 08
(c) 2006 Newsday Inc.
File 640:San Francisco Chronicle 1988-2006/Aug 10
(c) 2006 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2006/Aug 10
(c) 2006 Scripps Howard News
File 702:Miami Herald 1983-2006/Aug 06
(c) 2006 The Miami Herald Publishing Co.
File 703:USA Today 1989-2006/Aug 09
(c) 2006 USA Today
File 704:(Portland)The Oregonian 1989-2006/Aug 09
(c) 2006 The Oregonian
File 713:Atlanta J/Const. 1989-2006/Aug 10
(c) 2006 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2006/Aug 09
(c) 2006 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2006/Aug 10
(c) 2006 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2006/Aug 09
(c) 2006 The Plain Dealer
File 735:St. Petersburg Times 1989- 2006/Aug 08
(c) 2006 St. Petersburg Times

10/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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05696339 INSPEC Abstract Number: A9415-7755-004, B9408-2810D-002

Title: Dielectric properties of electron-beam deposited Ga/sub 2/O/sub 3/ films

Author(s): Passlack, M.; **Hunt, N.E.J.**; Schubert, E.F.; Zydzik, G.J.; Hong, M.; Mannaerts, J.P.; Opila, R.L.; Fischer, R.J.

Author Affiliation: AT&T Bell Labs., Murray Hill, NJ, USA

Journal: Applied Physics Letters vol.64, no.20 p.2715-17

Publication Date: 16 May 1994 Country of Publication: USA

CODEN: APPLAB ISSN: 0003-6951

U.S. Copyright Clearance Center Code: 0003-6951/94/64(20)/2715/3/\$6.00

Language: English Document Type: Journal Paper (JP)

Treatment: Experimental (X)

Abstract: We have fabricated high quality, dielectric Ga/sub 2/O/sub 3/ thin **films**. The **films** with thicknesses between 40 and 4000 AA were deposited by electron-beam evaporation using a single-crystal high purity Gd/sub 3/Ga/sub 5/O/sub 12/ source. Metal-insulator-semiconductor (MIS) and metal-insulator-metal structures (MIM) were fabricated in order to determine dielectric properties, which were found to depend strongly on deposition conditions such as substrate temperature and oxygen pressure. We obtained excellent dielectric properties for **films** deposited at substrate temperatures of 40 degrees C with no excess oxygen and at 125 degrees C with an oxygen partial pressure of 2×10^{-4} Torr. Specific resistivities ρ and dc breakdown fields E_{m} of up to 6×10^{13} $\Omega \text{ cm}$ and 2.1 MV/cm, respectively, were measured. Static dielectric constants between 9.93 and 10.2 were determined for these **films**. Like in other dielectrics, the current transport mechanisms are found to be bulk rather than electrode controlled. (11 Refs)

Subfile: A B

Descriptors: dielectric thin **films**; electric breakdown of solids; electrical conductivity of crystalline semiconductors and insulators; gallium compounds; metal-insulator-metal structures; metal-insulator-semiconductor structures; permittivity; vapour deposited coatings

Identifiers: dielectric properties; electron-beam deposited Ga/sub 2/O/sub 3/ **films**; high quality dielectric Ga/sub 2/O/sub 3/ thin **films**; single-crystal high purity Gd/sub 3/Ga/sub 5/O/sub 12/ source; metal-insulator-semiconductor structure; metal-insulator-metal structures; substrate temperatures; oxygen partial pressure; resistivities; dc breakdown fields; static dielectric constants; current transport mechanisms; 40 to 4000 A; 40 C; 125 C; 2×10^{-4} torr; 6×10^{13} ohmcm; Ga/sub 2/O/sub 3/

Class Codes: A7755 (Dielectric thin films); A6855 (Thin film growth, structure, and epitaxy); A7340Q (Metal-insulator-semiconductor structures); A7340R (Metal-insulator-metal structures); A7750 (Dielectric breakdown and space-charge effects); A7720 (Permittivity); B2810D (Dielectric breakdown and discharges); B2530F (Metal-insulator-semiconductor structures); B2530G (Metal-insulator-metal and metal-semiconductor-metal structures)

Chemical Indexing:

Ga2O3 int - Ga2 int - O3 int - O int - Ga2O3 bin - Ga2 bin - Ga bin - O3 bin - O bin (Elements - 2)

Numerical Indexing: size 4.0×10^{-9} to 4.0×10^{-7} m; temperature 3.13×10^2 K; temperature 3.98×10^2 K; pressure 2.7×10^{-2} Pa; electrical resistivity 6.0×10^{11} ohmm

10/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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03798002 INSPEC Abstract Number: A87013654

Title: Oxidation of Au-Si alloy filmsAuthor(s): Hewett, C.A.; Bohlin, K.E.; **Randolph, M.W.** ; Lau, S.S.

Author Affiliation: Dept. of Electr. Eng. & Comput. Sci., California Univ., San Diego, La Jolla, CA, USA

Conference Title: Thin Films - Interfaces and Phenomena. Part of the Fall 1985 Meeting of the Materials Research Society p.601-4

Editor(s): Nemanich, R.J.; Ho, P.S.; Lau, S.S.

Publisher: Mater. Res. Soc, Pittsburgh, PA, USA

Publication Date: 1986 Country of Publication: USA xxi+841 pp.

Conference Date: 2-6 Dec. 1985 Conference Location: Boston, MA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Experimental (X)

Abstract: The authors have investigated silicon oxide formation on co-deposited Au-Si alloy **films** at low temperatures. Alloy compositions spanning the Au-Si binary phase diagram have been examined. It was found that alloys with compositions above 40 at. % Au were most efficient in promoting oxide formation. These results are compared with the Au on Si sample configuration where Si is transported through the Au before oxidizing. The possibility of using alloys to form Au lines with a self passivating oxide coating after patterning and oxidation is discussed. (7 Refs)

Subfile: A

Descriptors: gold alloys; metallic thin **films** ; oxidation; silicon alloysIdentifiers: SiO/sub 2/ formation; alloy composition dependence; co-deposited Au-Si alloy **films** ; oxidation; Au-Si; SiO/sub 2/

Class Codes: A6855 (Thin film growth, structure, and epitaxy); A8160B (Metals and alloys)

Chemical Indexing:

SiO2 bin - O2 bin - Si bin - O bin (Elements - 2)

AuSi bin - Au bin - Si bin (Elements - 2)

10/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03531761 INSPEC Abstract Number: B85058670

Title: Hybrid DC SQUIDS containing all refractory thin film Josephson junctionsAuthor(s): Fleming, D.L.; Gershenson, M.; **Hastings, R.** ; Sauter, G.F.; Sweeny, M.F.

Author Affiliation: Sperry Corp., St. Paul, MN, USA

Journal: IEEE Transactions on Magnetics vol.MAG-21, no.2 p.658-9

Publication Date: March 1985 Country of Publication: USA

CODEN: IEMGAQ ISSN: 0018-9464

U.S. Copyright Clearance Center Code: 0018-9464/85/0300-0658\$01.00

Conference Title: 1984 Applied Superconductivity Conference

Conference Sponsor: IEEE; Appl. Superconductivity Conference; APS

Conference Date: 10-13 Sept. 1984 Conference Location: San Diego, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: During the past five years Sperry designed, fabricated, and tested DC SQUIDS and feedback transformer assemblies (FTA) for sensor

applications. The SQUID design included a silicon chip with deposited, all refractory, thin- **film** Josephson junctions contained in a bulk niobium toroidal cavity housing. Features include (1) minimum SQUID loop inductance provided by a cone-shaped structure extending from the chip containing the two Josephson junctions to the toroidal cavity where the input coil and concentric modulation coil are housed, and (2) a removable cap that allows easy access to the chip for repair or replacement. The design details of the junction chip, niobium housing, and FTA are presented, along with flux noise results in the 0.01 to 1000 Hz frequency range. (5 Refs)

Subfile: B

Descriptors: electric sensing devices; Josephson effect; superconducting junction devices

Identifiers: bulk Nb toroidal cavity; all refractory thin **film** Josephson junctions; feedback transformer assemblies; sensor applications; minimum SQUID loop inductance; cone-shaped structure; removable cap; flux noise

Class Codes: B3240C (Superconducting junction devices); B7230 (Sensing devices and transducers)

10/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03205604 INSPEC Abstract Number: B84014927

Title: SQUID linear amplifier circuit simulations

Author(s): Gershenson, M.; **Hastings, R.** ; Schneider, R.; Sweeny, M.; Sorensen, E.

Author Affiliation: Sperry Computer Systems, St. Paul, MN, USA

Journal: IEEE Transactions on Magnetics vol.MAG-19, no.5 p.2058-60

Publication Date: Sept. 1983 Country of Publication: USA

CODEN: IEMGAQ ISSN: 0018-9464

U.S. Copyright Clearance Center Code: 0018-9464/83/0900-2058\$01.00

Conference Title: 1983 International Magnetics Conference (INTERMAG)

Conference Sponsor: IEEE

Conference Date: 5-8 April 1983 Conference Location: Philadelphia, PA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: This study presents numerical simulations of a single stage of a linear SQUID amplifier. The amplifier stage is fabricated in thin- **film** technology, and consists of two asymmetric SQUIDs placed in the push-pull configuration. It was found that the Q of the tank circuit formed by SQUID inductance and a parasitic stripline capacitance must be reduced to unity to avoid hysteretic operation. A load line analysis has determined the amplifier operating point and SQUID inductance which yield optimum linearity. (3 Refs)

Subfile: B

Descriptors: amplifiers; digital simulation; superconducting junction devices

Identifiers: circuit simulations; numerical simulations; linear SQUID amplifier; thin- **film** technology; push-pull configuration; tank circuit; parasitic stripline capacitance; hysteretic operation; load line analysis; optimum linearity

Class Codes: B1220 (Amplifiers); B3240C (Superconducting junction devices)

10/5/5 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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09163574 Supplier Number: 79910109

Grosvenor Park: expert at exploiting international tax breaks.(history of the film and television finance firm)

Hunt, Nick

Broadcast, pS6(1)

Oct 5, 2001

ISSN: 0040-2788

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

The article provides a brief history of the transatlantic **film** and television finance company, Grosvenor Park. The company's focus is on taking advantage of the international co-production treaties that let producers to asses tax breaks in different regions.

PUBLISHER NAME: EMAP Maclaren Ltd.

COMPANY NAMES: *Grosvenor Park

EVENT NAMES: *120 (Organizational history); 220 (Strategy & planning)

GEOGRAPHIC NAMES: *4EUUK (United Kingdom)

PRODUCT NAMES: *6720000 (Investment Companies); 7813000 (Motion Picture Production); 7814000 (Television Production)

INDUSTRY NAMES: BUSN (Any type of business)

SIC CODES: 6720 (Investment Offices); 7812 (Motion picture & video production)

NAICS CODES: 52591 (Open-End Investment Funds); 51211 (Motion Picture and Video Production)

SPECIAL FEATURES: LOB; INDUSTRY; COMPANY

Set	Items	Description
S1	82	CINEMATCH
S2	47	RD (unique items)
S3	12	S2 NOT PY>2000
File	2:INSPEC	1898-2006/Jul W5 (c) 2006 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2006/Jun (c) 2006 ProQuest Info&Learning
File	65:Inside Conferences	1993-2006/Aug 10 (c) 2006 BLDSC all rts. reserv.
File	99:Wilson Appl. Sci & Tech Abs	1983-2006/Jul (c) 2006 The HW Wilson Co.
File	474:New York Times Abs	1969-2006/Aug 09 (c) 2006 The New York Times
File	475:Wall Street Journal Abs	1973-2006/Aug 09 (c) 2006 The New York Times
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group
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File	20:Dialog Global Reporter	1997-2006/Aug 10 (c) 2006 Dialog
File	610:Business Wire	1999-2006/Aug 10 (c) 2006 Business Wire.
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	476:Financial Times Fulltext	1982-2006/Aug 11 (c) 2006 Financial Times Ltd
File	613:PR Newswire	1999-2006/Aug 10 (c) 2006 PR Newswire Association Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury	Jun 1985-2006/Aug 09 (c) 2006 San Jose Mercury News
File	624:McGraw-Hill Publications	1985-2006/Aug 10 (c) 2006 McGraw-Hill Co. Inc
File	9:Business & Industry(R)	Jul/1994-2006/Aug 09 (c) 2006 The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2006/Aug 09 (c) 2006 The Gale Group
File	621:Gale Group New Prod. Annou. (R)	1985-2006/Aug 09 (c) 2006 The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2006/Aug 09 (c) 2006 The Gale Group
File	16:Gale Group PROMT(R)	1990-2006/Aug 09 (c) 2006 The Gale Group
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File	148:Gale Group Trade & Industry DB	1976-2006/Aug 09 (c) 2006 The Gale Group
File	256:TecInfoSource	82-2006/Nov (c) 2006 Info.Sources Inc
File	47:Gale Group Magazine DB(TM)	1959-2006/Aug 09 (c) 2006 The Gale group
File	570:Gale Group MARS(R)	1984-2006/Aug 09 (c) 2006 The Gale Group
File	635:Business Dateline(R)	1985-2006/Aug 10 (c) 2006 ProQuest Info&Learning
File	477:Irish Times	1999-2006/Aug 10 (c) 2006 Irish Times
File	710:Times/Sun. Times (London)	Jun 1988-2006/Aug 10

(c) 2006 Times Newspapers
File 711:Independent(London) Sep 1988-2006/Aug 10
(c) 2006 Newspaper Publ. PLC
File 756:Daily/Sunday Telegraph 2000-2006/Aug 10
(c) 2006 Telegraph Group
File 757:Mirror Publications/Independent Newspapers 2000-2006/Aug 10
(c) 2006
File 387:The Denver Post 1994-2006/Aug 09
(c) 2006 Denver Post
File 471:New York Times Fulltext 1980-2006/Aug 10
(c) 2006 The New York Times
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers
File 494:St LouisPost-Dispatch 1988-2006/Aug 04
(c) 2006 St Louis Post-Dispatch
File 631:Boston Globe 1980-2006/Aug 09
(c) 2006 Boston Globe
File 633:Phil.Inquirer 1983-2006/Aug 02
(c) 2006 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2006/Aug 08
(c) 2006 Newsday Inc.
File 640:San Francisco Chronicle 1988-2006/Aug 10
(c) 2006 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2006/Aug 10
(c) 2006 Scripps Howard News
File 702:Miami Herald 1983-2006/Aug 06
(c) 2006 The Miami Herald Publishing Co.
File 703:USA Today 1989-2006/Aug 09
(c) 2006 USA Today
File 704:(Portland)The Oregonian 1989-2006/Aug 09
(c) 2006 The Oregonian
File 713:Atlanta J/Const. 1989-2006/Aug 10
(c) 2006 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2006/Aug 09
(c) 2006 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2006/Aug 10
(c) 2006 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2006/Aug 09
(c) 2006 The Plain Dealer
File 735:St. Petersburg Times 1989- 2006/Aug 08
(c) 2006 St. Petersburg Times

3/3,K/1 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

14069269 (USE FORMAT 7 OR 9 FOR FULLTEXT)

NetFlix Selects Group 1's DataVerse for Real-time Address Verification

PR NEWSWIRE

December 04, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 641

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... including reviews, video trailers, recommendations, and show times at local theaters. Unique to NetFlix is **Cinematch**, a proprietary technology that compares an individual's movie tastes with those of other like...

3/3,K/2 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

13048682 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Former Studio Executive Vice President John Reagan Joins NetFlix As General Counsel

PR NEWSWIRE

September 28, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 608

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and tailors the site for them accordingly with movie recommendations and editorial content. Powered by **Cinematch**, the world's largest database of individual movie ratings, NetFlix assists its customers in finding...

3/3,K/3 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

10072637 (USE FORMAT 7 OR 9 FOR FULLTEXT)

NetFlix and Circuit City Partner to Bridge Online and Offline DVD Marketplace

PR NEWSWIRE

March 15, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 493

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... strategy is to firmly position itself within the DVD marketplace. Through the recent launch of **Cinematch** (TM), the site's highly personalized movie recommendation feature and its Unlimited Movie Rental service...

... where people go to find the movies they would enjoy most. Unique to NetFlix is **Cinematch** -- a technology which compares an Individual's movie

tastes with those of other like-minded...

3/3,K/4 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

09816464 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NetFlix Sets Course for Expansion with Signing Of Goodby, Silverstein & Partners
PR NEWSWIRE
February 29, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 481

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a personalized movie-finding destination with the debut of its successful unlimited rental service, and **CineMatch** which offers visitors personalized movie recommendations tailored to their individual taste. NetFlix plans to extend...

... where people go to find the movies they would enjoy most. Unique to NetFlix is **Cinematch** -- a technology which compares an individual's movie tastes with those of other like-minded...

3/3,K/5 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

09322641 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Personalized Movie Recommendor Provides NetFlix Visitors with Highly Accurate Film Recommendations Based on Their Individual Movie Taste History
BUSINESS WIRE
January 25, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 818

(USE FORMAT 7 OR 9 FOR FULLTEXT)

LOS GATOS, Calif.--(BUSINESS WIRE)--Jan. 25, 2000--
"Movies for Two" Service from **Cinematch** (TM) Can Even Combine Ratings to Recommend the Perfect Movie for More than One Viewer
NetFlix launched its new **Cinematch** (TM) program today, a service that offers visitors movie recommendations tailored to their individual taste.

Complementing the online DVD rental store's Marquee(a) program, **Cinematch** helps visitors find the movies they will love. In addition to these personalized film recommendations for individuals, NetFlix has engineered the "Movies for Two" feature that enables **Cinematch** to combine the film ratings of two different visitors and offer a selection of films both viewers will enjoy.

Guaranteeing personal privacy, NetFlix's **Cinematch** creates a personal movie taste profile based on a visitor's ratings of a selection of previously seen films. Then, **Cinematch** guides visitors through the site's expansive selection of more than 5,200 DVD titles...

...gems -- recommending titles and content specific to that visitor.
"Our leisure time is precious. With **Cinematch** , you won't waste an

evening with a bad movie choice," said Reed Hastings, Netflix CEO. "**Cinematch** delivers personal recommendations based on your own movie taste history. If you come to Netflix...

...can be confident that you'll love your selection."

"Based on our research, systems like **Cinematch** from Netflix specifically address an important consumer need," said industry analyst Bob Alexander of Alexander...

... but what is compelling is the individual's reaction to the quality of recommendations. The **Cinematch** program should bring substantial benefits to its customers."

More About **Cinematch**

Visitors to the Netflix web site are asked to rate 20 or more movies using **Cinematch**'s five-star rating system. Then, **Cinematch** synthesizes those personal likes and dislikes to create a personal movie profile. That profile is...

...links to each recommended film title.

The more ratings a visitor performs, the smarter the **Cinematch** system becomes. Using the "Movies for Two" feature, visitors can also combine their profile with that of a fellow **Cinematch** user -- friend or spouse -- to receive film recommendations both will enjoy.

"**Cinematch** underscores Netflix's position as the Internet store that truly understands personalization," continued Hastings. "This program offers consumers the most developed personalization capabilities available. Rather than recommendations based on similars, **Cinematch** provides incredibly accurate, personalized movie recommendations that are based upon an individual's own tastes...

... and families alike: 'What movie will we all enjoy watching -- together?'"

In addition, Netflix displays **Cinematch** predictions throughout the store. Visitors may improve the quality of **Cinematch**'s recommendations by rating movies from any point on the site that features the five...

3/3,K/6 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2006 PR Newswire Association Inc. All rts. reserv.

00265503 20000214LAM113 (USE FORMAT 7 FOR FULLTEXT)

Netflix Launches 'All You Can Watch' Dvd Rental Program

PR Newswire

Monday, February 14, 2000 14:19 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 543

...s movie

likes and dislikes with those of other like-minded Netflix visitors.

Netflix's **Cinematch** is particularly powerful because it personally guides visitors through the site's vast number of...

...where people go to find the movies

they would most love. Unique to Netflix is **Cinematch** -- a technology which

compares an Individual's movie tastes with those of other like-minded...

3/3,K/7 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2006 The Gale Group. All rts. reserv.

02146970 Supplier Number: 25689544 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Bucking stock trend, NetFlix filing for IPO
(Online DVD rental company NetFlix has filed for an IPO despite poor market conditions for online companies on the stock market)
Video Business, v 20, n 18, p 4+
May 01, 2000
DOCUMENT TYPE: Journal ISSN: 0279-571X (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 340

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...company hopes to market and sell the database of customer movie recommendations culled from its " **Cinematch** " system to movie producers.

NetFlix has already expanded its content and services with the goal...

3/3,K/8 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2006 The Gale Group. All rts. reserv.

02077045 Supplier Number: 25589174 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NetFlix unveils new movie-matching system
(NetFlix, which offers DVD rentals online, offering users new service that matches their movie tastes with those having similar tastes to make movie recommendations)
Video Business, v 20, n 6, p 25
February 07, 2000
DOCUMENT TYPE: Journal ISSN: 0279-571X (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 196

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

Online DVD rental specialist NetFlix launched its new movie-recommendation system, **CineMatch** , late last month.

"It's the only movie-recommendation system that matches (your tastes) with ...
NetFlix visitors interested in using **CineMatch** are asked to rate at least 20 films using a five-star scale. **CineMatch** will then make recommendations on other films by comparing the user's tastes with those of other **CineMatch** users. Since NetFlix recognizes unique users when they click on the home page, **CineMatch** recommendations can appear throughout the site as the registered user browses the rental selections.

Another feature of the **CineMatch** recommendation program is Movies for two, which allows two **CineMatch** users to combine their preferences to get a movie recommendation for a title both would enjoy.

Hastings said NetFlix plans to share the information culled from **CineMatch** with suppliers to facilitate the development of marketing plans for new titles.

--W.W.

3/3,K/9 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2006 The Gale Group. All rts. reserv.

02451672 SUPPLIER NUMBER: 67206006 (USE FORMAT 7 OR 9 FOR FULL TEXT)

After hours holiday gift guide: Internet - Here are some cyber-gift suggestions, for those who prefer virtual giving.(Internet/Web/Online Service Information)(Directory)

Mangis, Carol A.

PC Magazine, 229

Dec 19, 2000

DOCUMENT TYPE: Directory

ISSN: 0888-8507

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 870 LINE COUNT: 00066

... with a movie, send it back and get another one. There's even a feature (**Cinematch**) that helps you find movies to suit your taste.

3/3,K/10 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2006 The Gale Group. All rts. reserv.

04562589 Supplier Number: 59243568 (USE FORMAT 7 FOR FULLTEXT)

VIDEO NOTES.

Video Week, v22, n6, pNA

Feb 7, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1746

... sweepstakes with prizes including tickets for 2nd Pokemon movie, trading cards, videos, toys. -----

NetFlix launched **Cinematch** movie recommendation service. **Cinematch** creates personal movie taste profile based on NetFlix visitor's ratings of selection of previously...

3/3,K/11 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2006 The Gale Group. All rts. reserv.

12184285 SUPPLIER NUMBER: 62280332 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Bucking stock trend, NetFlix filing for IPO.(Brief Article)

Wilson, Wendy

Video Business, 20, 18, 4

May 1, 2000

DOCUMENT TYPE: Brief Article

ISSN: 0279-571X

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 366 LINE COUNT: 00032

... company hopes to market and sell the database of customer movie recommendations culled from its " **Cinematch** " system to movie producers.

NetFlix has already expanded its content and services with the goal

...

3/3,K/12 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

11922632 SUPPLIER NUMBER: 59704949 (USE FORMAT 7 OR 9 FOR FULL TEXT)

NetFlix unveils new movie-matching system.(CineMatch)(Brief Article)

WILSON, WENDY

Video Business, 20, 6, 25

Feb 7, 2000

DOCUMENT TYPE: Brief Article ISSN: 0279-571X LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 213 LINE COUNT: 00020

NetFlix unveils new movie-matching system.(CineMatch)(Brief Article)

TEXT:

Online DVD rental specialist NetFlix launched its new movie-recommendation system, **CineMatch**, late last month.

... have they seen and loved that I haven't seen."

NetFlix visitors interested in using **CineMatch** are asked to rate at least 20 films using a five-star scale. **CineMatch** will then make recommendations on other films by comparing the user's tastes with those of other **CineMatch** users. Since NetFlix recognizes unique users when they click on the home page, **CineMatch** recommendations can appear throughout the site as the registered user browses the rental selections.

Another feature of the **CineMatch** recommendation program is Movies for Two, which allows two **CineMatch** users to combine their preferences to get a movie recommendation for a title both would enjoy.

Hastings said NetFlix plans to share the information culled from **CineMatch** with suppliers to facilitate the development of marketing plans for new titles.

Set	Items	Description
S1	3012953	ITEM OR ITEMS OR PRODUCT? ? OR MOVIE? OR FILM OR FILMS OR - DVD OR DVDS OR BOOK? ?
S2	2493979	USER? OR MEMBER? ? OR SUBSCRIBER? ? OR FANS OR VIEWER? ? OR CONSUMER? ? OR CUSTOMER
S3	1855503	RATE? ? OR RATING OR RANK? ? OR RANKING OR WEIGHT??? OR SC- OR??? OR RECOMMENDATION?
S4	3121996	COMPAR??? OR BASED OR MATCH??? OR ANALY?
S5	5277634	OTHER OR ANOTHER OR LIKE-MINDED OR LIKE()MINDED OR RELATED OR SIMILAR?
S6	1527034	ESTIMAT??? OR APPROXIMAT? OR DETERMIN??? OR PREDICT???
S7	24257	S1 AND S2 AND S3
S8	810994	S4 AND S5
S9	212318	S6 AND S3
S10	1709	S7 AND S8 AND S9
S11	330	S10 AND IC=G06F-017/60
S12	1924	S2(7N)S3(10N)S1
S13	65422	S6(7N)S3
S14	152040	S4(10N)S5
S15	44	S12 AND S13 AND S14
S16	20	S15 AND IC=G06F-017/60
S17	20	IDPAT (sorted in duplicate/non-duplicate order)
S18	20	IDPAT (primary/non-duplicate records only)

File 350:Derwent WPIX 1963-2006/UD=200651
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File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
(c) 2006 JPO & JAPIO

18/5/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0015449617 - Drawing available
 WPI ACC NO: 2006-009481/200601
 XRPX Acc No: N2006-008355

Anti-money laundering risk evaluating method for financial system, involves calculating risk rating based on set of values, where each value is assigned to selectable response of criteria or question associated with group

Patent Assignee: BANK OF AMERICA CORP (BANK-N); GRANT H W (GRAN-I);
 REYNOLDS T (REYN-I)

Inventor: GRANT H W; REYNOLDS T

Patent Family (2 patents, 109 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20050267827	A1	20051201	US 2004521588	P	20040528	200601 B
			US 2004711705	A	20040930	
WO 2005119551	A2	20051215	WO 2005US18765	A	20050527	200601 E

Priority Applications (no., kind, date): US 2004521588 P 20040528; US
 2004711705 A 20040930

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050267827	A1	EN	42	18	Related to Provisional US 2004521588
WO 2005119551	A2	EN			

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW
 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
 HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
 MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ
 TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES
 FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD
 SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - The method involves calculating a risk rating based on a set of values, where each of the values is assigned to a selectable response of a criteria or question associated with a group. The group includes a set of selected countries, a selected financial product or investment and a selected customer type. A predetermined function for evaluating anti-money laundering risk is performed based the risk rating.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.a system to evaluate anti-money laundering risk

2.a computer-readable medium having computer-executable instructions for performing a method to evaluate anti-money laundering risk.

USE - Used for evaluating anti-money laundering risk in a financial system.

ADVANTAGE - The method effectively evaluates anti-money laundering risk for the financial system. The method allows assignment of a specific risk **score** based on a **product** mix of a **customer** who is doing business. The method facilitates to perform transaction based on monitoring of the selected customers, thus reducing need to perform transaction based monitoring.

DESCRIPTION OF DRAWINGS - The drawing shows a flow chart of an example of

a method to evaluate anti-money laundering risk.

Title Terms/Index Terms/Additional Words: ANTI; MONEY; LAUNDER; RISK; EVALUATE; METHOD; FINANCIAL; SYSTEM; CALCULATE; RATING; BASED; SET; VALUE ; ASSIGN; SELECT; RESPOND; CRITERIA; QUESTION; ASSOCIATE; GROUP

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705035000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2E; T01-J05A2F; T01-S03

18/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015445841 - Drawing available

WPI ACC NO: 2005-795580/200581

XPX Acc No: N2005-659114

Prediction method of user's ratings for items like music compact disks, movies, involves providing similarity measures based on relationship distance between pair of users in social network and acquiring ratings from other users

Patent Assignee: GOEKSEL M (GOEK-I); LAM C P (LAMC-I)

Inventor: GOEKSEL M; LAM C P

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050256756	A1	20051117	US 2004847839	A	20040517	200581 B

Priority Applications (no., kind, date): US 2004847839 A 20040517

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050256756	A1	EN	9	3	

Alerting Abstract US A1

NOVELTY - The **similarity** measures **based** on relationship distance between each pair of users who are the members of a social network, in the recommendation system, is provided. The ratings given by other users in the **recommendation** system, are **determined**, and a **weighted** average is calculated for the ratings.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a collaborative filtering system for **predicting user's rating** for an **item**.

USE - For **predicting** ratings given by **users** belonging to **recommendation** system for producing list of recommended **items** e.g. for **recommendation** of music compact disks (CDs), digital versatile disks (DVDs), **movies**, wines, restaurants, **books**, etc., to new **users**, by retailer.

ADVANTAGE - Provides more accurate recommendations by incorporating social network information, avoiding new user and cold-start problems. Enables to dynamically change the social network.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the user **rating prediction** method.

Title Terms/Index Terms/Additional Words: PREDICT; METHOD; USER; RATING; ITEM; MUSIC; COMPACT; DISC; SIMILAR; MEASURE; BASED; RELATED; DISTANCE;

PAIR; SOCIAL; NETWORK; ACQUIRE

Class CodesInternational Classification (Main): **G06F-017/60**

US Classification, Issued: 705010000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2C

18/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015084585 - Drawing available

WPI ACC NO: 2005-434041/200544

Related WPI Acc No: 2003-625181; 2005-394078; 2006-260102

XRPX Acc No: N2005-352218

Item **e.g. movie , user rating estimating method for e.g. tape, involves finding item with ratings similar to particular item , and creating estimation of how particular user would rate particular item upon ratings given by users**

Patent Assignee: CIANCUTTI J R (CIAN-I); HASTINGS W R (HAST-I); HUNT N D (HUNT-I); LANNING S M (LANN-I); NETFLIX INC (NETF-N); PURCELL S M (PURC-I); SHIH L W (SHIH-I)

Inventor: CIANCUTTI J R; HASTINGS W R; HUNT N D; LANNING S M; PURCELL S M; SHIH L W

Patent Family (2 patents, 106 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050125307	A1	20050609	US 2000561041	A	20000428	200544 B
			US 2000212193	P	20000616	
			US 2000244793	P	20001031	
			US 2001884816	A	20010618	
			US 2004773843	A	20040206	
WO 2005076890	A2	20050825	WO 2005US3377	A	20050204	200556 E

Priority Applications (no., kind, date): US 2001884816 A 20010618; US 2000244793 P 20001031; US 2000212193 P 20000616; US 2000561041 A 20000428; US 2004773843 A 20040206

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050125307	A1	EN	32	11	C-I-P of application US 2000561041 Related to Provisional US 2000212193 Related to Provisional US 2000244793 C-I-P of application US 2001884816 C-I-P of patent US 6584450

WO 2005076890 A2 EN

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - The method involves identifying an item e.g. movie, with

ratings similar to a particular item. A **user** is identified from a set of **users** that have given ratings to a subset of the **item**. The ratings are statistically similar to **rating** given by a particular **user** to the subset of **item**. An **estimation** of how the particular **user** would **rate** the particular **item**, is generated based upon ratings for the particular **item**.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a machine-readable medium for estimating how a particular user would rate a particular item from a set of items
- 2.an apparatus for estimating how a particular user would rate a particular item from a set of items.

USE - Used for **estimating user rating** of an **item** e.g. **movie**, music and game stored on magnetic medium, optical medium, read-only memory and non-volatile memory e.g. tape.

ADVANTAGE - The method rents the item to a customer on a continuous basis that avoids use of fixed due date or rental window appurtenant. The method rents the movie, the game and the music to a **consumer** that is more convenient and flexible to the **customer**. The method **estimates** how a **user** would **rate** the **item** that the **user** has not yet **rated**.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram that depicts a **users' rating** of an **item**.

802 Items
804 Users
806 Particular item
808 Particular user
814 Reference users

Title Terms/Index Terms/Additional Words: ITEM; MOVIE; USER; RATING; ESTIMATE; METHOD; TAPE; FINDER; SIMILAR; RATE

Class Codes

International Classification (Main): **G06F-017/60**, G06M
US Classification, Issued: 705010000, 705026000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2D; T01-S03

18/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015036431 - Drawing available

WPI ACC NO: 2005-384423/200539

XPX Acc No: N2005-311682

Product **sale determination method involves calculating score for each answer inputted by user based on weighing factor of each answer**

Patent Assignee: GOYENCHE G (GOYE-I); HINKLE T (HINK-I); HYMOWITZ J

(HYMO-I); ROBERTS R L (ROBE-I); SURI G (SURI-I); WEICH L (WEIC-I)

Inventor: GOYENCHE G; HINKLE T; HYMOWITZ J; ROBERTS R L; SURI G; WEICH L

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050108103	A1	20050519	US 2003716272	A	20031118	200539 B

Priority Applications (no., kind, date): US 2003716272 A 20031118

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050108103	A1	EN	11	5	

Alerting Abstract US A1

NOVELTY - The method involves determining criteria questions and possible answers to each question for determining product sale. The weighing factor is assigned for each question and answer. The correct answer for question is **determined** through user input and a **score** is calculated for each answer based on weighing factor.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.computer program product comprising product sale determination program;
and
- 2.system for determining product sale.

USE - For determining sale of product to customer.

ADVANTAGE - The product sale can be determined easily in systematic manner.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the determination process of product sale.

Title Terms/Index Terms/Additional Words: PRODUCT; SALE; DETERMINE; METHOD; CALCULATE; SCORE; ANSWER; USER; BASED; WEIGH; FACTOR

Class Codes

International Classification (Main): **G06F-017/60**
 US Classification, Issued: 705026000
 File Segment: EPI;
 DWPI Class: T01
 Manual Codes (EPI/S-X): T01-J05A2; T01-J05B3; T01-S03

18/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014861013 - Drawing available

WPI ACC NO: 2005-208727/

XRPX Acc No: N2005-172311

Server for communication support system, calculates score reflecting user 's preference with respect to item , and determines users having preference similarity with respect to item based on difference between scores of each user

Patent Assignee: VICTOR CO OF JAPAN (VICO)

Patent Family (1 patents, 1 countries).

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
JP 2005071126	A	20050317	JP 2003300934	A	20030826	200522 B

Priority Applications (no., kind, date): JP 2003300934 A 20030826

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2005071126	A	JA	18	15	

Alerting Abstract JP A

NOVELTY - A generation unit (16) generates item utilization frequency

data based on stored **user** ID data in association with ID data of **item** utilized by **users** . A calculation unit (17) calculates **score** reflecting **user** 's preference with respect to an **item** based on utilization frequency data. An analysis unit calculates difference between the **scores** of each **user** , to **determine users** having preference similarity with respect to an **item** .

DESCRIPTION - An INDEPENDENT CLAIM is also included for communication assistance method.

USE - Used in communication support system, for assisting communication between users having similar taste with respect to item such as content and goods information, using e-mail, electronic bulletin board and chat

ADVANTAGE - Multiple users having interest with respect to an item is determined precisely and easily within a short time without applying much effort.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the communication support system. (Drawing includes non-English language text).

1server
3network
11transceiver
12communication management unit
16generation unit
17calculation unit

Title Terms/Index Terms/Additional Words: SERVE; COMMUNICATE; SUPPORT; SYSTEM; CALCULATE; SCORE; REFLECT; USER; PREFER; RESPECT; ITEM; DETERMINE ; SIMILAR; BASED; DIFFER

Class Codes

International Classification (Main): **G06F-017/60**
(Additional/Secondary): G06F-017/30

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05B

18/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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0014139508 - Drawing available
WPI ACC NO: 2004-324257/
XRPX Acc No: N2004-258430

Similar **project search method for software development, involves comparing similarity item of selected pattern and corresponding user-input keyword with prestored similarity items and keywords, to determine similarity of project**

Patent Assignee: HITACHI LTD (HITA)

Inventor: MASHITA E

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
JP 2004126848	A	20040422	JP 2002288333	A	20021001	200430 B

Priority Applications (no., kind, date): JP 2002288333 A 20021001

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2004126848	A	JA	14	16	

Alerting Abstract JP A

NOVELTY - The patterns comprising **similarity items** attached with **weighting**, are selected based on **user** -input selection data. The **similarity item** of selected pattern and corresponding **user** -input keyword are **compared** with **similarity items** and keywords prestored for each project, **based** on which the **similarity** of a project is **determined**. The **weighting** attached to similarity **item** is stored as **score** for each congruent project.

USE - For searching similar projects through network for software development.

ADVANTAGE - Enables searching similar projects easily and reliably.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the similar project search system. (Drawing includes non-English language text).

20,30user terminals

40network

101similarity information registration program

111project information registration program

121project information retrieval program

122search keyword management table

123similarity item table

Title Terms/Index Terms/Additional Words: SIMILAR; PROJECT; SEARCH; METHOD; SOFTWARE; DEVELOP; COMPARE; ITEM; SELECT; PATTERN; CORRESPOND; USER; INPUT; KEYWORD; DETERMINE

Class Codes

International Classification (Main): G06F-017/30

(Additional/Secondary): **G06F-017/60**

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B

18/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013541915 - Drawing available

WPI ACC NO: 2003-635614/

XRPX Acc No: N2003-505573

Computerized item rating method used in recommendation system, involves determining implicit rating for items related to selected items, whose proximity distance from selected item is less than predefined threshold

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BERGHOFER F; GENDNER L; SCHRIMPF G; STAMM-WILBRANDT H; TSAKONAS M

Patent Family (2 patents, 2 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20030110056	A1	20030612	US 2002282965	A	20021029	200360 B
DE 10247927	A1	20030731	DE 10247927	A	20021015	200360 E

Priority Applications (no., kind, date): EP 2001125973 A 20011031

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030110056	A1	EN	15	7	

Alerting Abstract US A1

NOVELTY - An explicit **rating** for a selected item is **determined** and

stored in a **recommendation** system. A set of items related to the selected item, is **determined** using explicit **rating** and predefined item hierarchy. The implicit ratings for the related items whose proximity distance from the item is less than the predefined threshold is stored in the recommendation system.

DESCRIPTION - An INDEPENDENT CLAIM is also included for program storage device storing computerized item rating program.

USE - For recommendation of books, music compact disks, movies, and selection of documents, services, products.

ADVANTAGE - Enables improving the quality of recommendation by simple technique.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart of the computerized item rating method.

Title Terms/Index Terms/Additional Words: COMPUTER; ITEM; RATING; METHOD; SYSTEM; DETERMINE; IMPLICIT; RELATED; SELECT; PROXIMITY; DISTANCE; LESS; PREDEFINED; THRESHOLD

Class Codes

International Classification (Main): **G06F-017/60** , G06F-019/00
US Classification, Issued: 705001000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B1; T01-S03

18/5/8 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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0013394523 - Drawing available

WPI ACC NO: 2003-484617/

XRPX Acc No: N2003-385335

Computer based system for recommending items to users faced with a bewildering choice, e.g. for selection of books , CDs, etc., whereby recommendations are based on recommendations of users with a similar user profile

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BERGHOFER F; GENDNER L; STAMM-WILBRANDT H; TSAKONAS M

Patent Family (2 patents, 2 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
DE 10247929	A1	20030528	DE 10247929	A	20021015	200346 B
US 20030149612	A1	20030807	US 2002282778	A	20021029	200358 E

Priority Applications (no., kind, date): EP 2001125975 A 20011031

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
DE 10247929	A1	DE	15	7	

Alerting Abstract DE A1

NOVELTY - Computer **based** method for recommending a unit from **recommendations** made by **other users** . Accordingly the **recommendation** plan uses a number of **users** and a number of **items** each with a profile with at least one evaluation. By determining a subset of users from a large number of users with similar preferences it is possible to make a selection of users for provision of selection to individual users in the same sub-set.

DESCRIPTION - The invention also relates to a corresponding system, data

processing program and a computer program product.

USE - System for recommending items to users faced with a bewildering choice, e.g. for selection of books, CDs, films, magazines, etc.

ADVANTAGE - The inventive method uses recommendations made by other users with similar preferences to a user making a selection to make recommendations to a user that are likely to be suitable.

DESCRIPTION OF DRAWINGS - Figure shows a combination of user profiles and unit profiles that reflect two-dimensional coupling.

Title Terms/Index Terms/Additional Words: COMPUTER; BASED; SYSTEM; ITEM; USER; FACE; CHOICE; SELECT; BOOK; SIMILAR; PROFILE

Class Codes

International Classification (Main): **G06F-017/60** , G06F-019/00

US Classification, Issued: 705010000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A; T01-N01A2C; T01-S03

18/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013331700 - Drawing available

WPI ACC NO: 2003-419109/

Related WPI Acc No: 2002-340506

XRPX Acc No: N2003-334496

Credit score explanation method using Internet, involves recalculating simulated credit score and comparing with real credit score of consumer, after which consumer is provided with range of impacts

Patent Assignee: CRAWFORD S (CRAW-I); FLINT A (FLIN-I); HATCHER S A (HATC-I); HILLESTAD K O (HILL-I); QUINN T J (QUIN-I); RAPAPORT M W (RAPA-I); SIMON S A (SIMO-I); ST JOHN C L (SJOH-I); STEELE M S (STEE-I)

Inventor: CRAWFORD S; FLINT A; HATCHER S A; HILLESTAD K O; QUINN T J; RAPAPORT M W; SIMON S A; ST JOHN C L; STEELE M S

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20030046223	A1	20030306	US 2001790453	A	20010222	200339 B
			US 2002183135	A	20020625	

Priority Applications (no., kind, date): US 2001790453 A 20010222; US 2002183135 A 20020625

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030046223	A1	EN	21	9	C-I-P of application US 2001790453

Alerting Abstract US A1

NOVELTY - The score simulator tool is provided using which a simulated credit **score** that **predicts** real credit **score** of consumer is generated. The characteristic is altered to reflect the selected simulation when consumer selects a particular simulation option. The simulated credit score is recalculated and compared with real credit score of consumer, after which consumer is provided with a range of impacts.

USE - For explaining credit score in connection with application for credit related product and service such as loans, using Internet.

ADVANTAGE - The effect of credit score and cost for credit **related** product and services, are determined reliably **based** on various hypothetical changes in credit behavior. Thus, enables consumer to improve credit capacity, and to increase credit score.

DESCRIPTION OF DRAWINGS - The figure shows a flow diagram showing the accessing of credit bureau data through consumer credit score explanation service web site.

Title Terms/Index Terms/Additional Words: CREDIT; SCORE; METHOD; SIMULATE; COMPARE; REAL; CONSUME; AFTER; RANGE; IMPACT

Class Codes

International Classification (Main): **G06F-017/60**
US Classification, Issued: 705038000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A1

18/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013213652 - Drawing available

WPI ACC NO: 2003-298193/200329

XRPX Acc No: N2003-237071

User **preference** rating prediction method during online purchase of products , involves searching optimal path from graph based on assigned nodes to calculate rating associated with user corresponding to **predictability relation**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AGGARWAL C C; WOLF J L; YU P S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6487541	B1	20021126	US 1999236051	A	19990122	200329 B

Priority Applications (no., kind, date): US 1999236051 A 19990122

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6487541	B1	EN	19	8	

Alerting Abstract US B1

NOVELTY - The **rating** of several **products** are provided to the **user** based on which the predictability relation between the **users** are calculated. Several nodes are assigned and the nodes are linked based on the calculated predictability relation. A graph is searched for optimal path based on the nodes assigned. A rating associated with the user is calculated based on the predictability relation and searched path.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1.article of manufacture comprising computer readable medium storing user preference rating prediction program; and
- 2.storage medium storing user preference rating prediction program.

USE - For **rating user** preference during online purchase of **product** e.g. compact disk, **books** , video, etc.

ADVANTAGE - The **user** preference **rating** is **predicted** efficiently, thereby the **user** required **products** are purchased reliably.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the user preference **rating prediction** process.

Title Terms/Index Terms/Additional Words: USER; PREFER; RATING; PREDICT; METHOD; PURCHASE; PRODUCT; SEARCH; OPTIMUM; PATH; GRAPH; BASED; ASSIGN; NODE; CALCULATE; ASSOCIATE; CORRESPOND; RELATED

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705026000, 705001000, 705014000, 705027000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A; T01-N01A2C; T01-S03

18/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013213651 - Drawing available

WPI ACC NO: 2003-298192/

XPX Acc No: N2003-237070

Product recommendation **provision method involves** determining **peer group of** customer based on **calculated similarity function of content and compatibility attributes, to generate potential recommendation for customer**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AGGARWAL C C; YU P S

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 6487539	B1	20021126	US 1999369741	A	19990806	200329 B

Priority Applications (no., kind, date): US 1999369741 A 19990806

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 6487539	B1	EN	14	7		

Alerting Abstract US B1

NOVELTY - The content representation of product is generated **based** on product content information extracted corresponding to the customers. A **similarity** function between pair of content attributes and compatibility attributes of the **products** are calculated based on which the closest peer group to which the **customer** belong is **determined**. A potential **recommendation** for customer is generated based on the peer group.

DESCRIPTION - An **INDEPENDENT CLAIM** is included for storage device storing product recommendation provision program.

USE - For providing product recommendation to customers for online shopping.

ADVANTAGE - Useful information for making purchases through Internet is provided to the customer by generating potential recommendation corresponding to the peer group of customer.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the process of providing product recommendation to customers.

Title Terms/Index Terms/Additional Words: PRODUCT; PROVISION; METHOD;

DETERMINE; PEER; GROUP; CUSTOMER; BASED; CALCULATE; SIMILAR; FUNCTION;
CONTENT; COMPATIBLE; ATTRIBUTE; GENERATE; POTENTIAL

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705014000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A; T01-N01A2C; T01-S03

18/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012817834 - Drawing available

WPI ACC NO: 2002-675338/

XPX Acc No: N2002-533984

Cooking-related information providing system for a user of an electronic oven

Patent Assignee: KASHIMOTO T (KASH-I); KUDO T (KUDO-I); MATSUSHITA DENKI
SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU); MATSUURA S
(MATS-I); OZAWA (OZAW-I); SANO M (SANO-I)

Inventor: KASHIMOTO T; KUDO T; MATSUURA S; OZAWA; OZAWA J; SANO M

Patent Family (6 patents, 24 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2002077534	A1	20021003	WO 2002JP2735	A	20020322	200272 B
JP 2002366737	A	20021220	JP 200280804	A	20020322	200313 E
EP 1382912	A1	20040121	EP 2002705427	A	20020322	200410 E
			WO 2002JP2735	A	20020322	
KR 2003081528	A	20031017	KR 2003712193	A	20030919	200413 E
US 20040099144	A1	20040527	WO 2002JP2735	A	20020322	200435 E
			US 2003472709	A	20030919	
CN 1496467	A	20040512	CN 2002806490	A	20020322	200452 E
Priority Applications (no., kind, date): JP 200182153 A 20010322						

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002077534	A1	JA	57	26	
National Designated States,Original: CN KR US					
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LU MC NL PT SE TR					
JP 2002366737	A	JA	19		
EP 1382912	A1	EN			PCT Application WO 2002JP2735
Based on OPI patent WO 2002077534					
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE					
IT LI LU MC NL PT SE TR					
US 20040099144	A1	EN			PCT Application WO 2002JP2735

Alerting Abstract WO A1

NOVELTY - Recipe data appropriate for a user of an electronic oven can easily be provided and fetched. A recommended data decision block (508) decides a recommended menu in accordance with history information related to a use history of an electronic oven transmitted from a transmission origin and a recommendation rule stored in a recommendation rule database (507), and information indicating the recommended menu decided is transmitted from a data transmission block (506).

DESCRIPTION - Moreover, when a transmission origin transmits an instruction of transmission of recipe data about the recommended menu,

cooking information such as the recipe data corresponding to the instruction is read out from a cooking menu database (509) and transmitted from the data transmission block.

USE - For a user of an electronic oven.

DESCRIPTION OF DRAWINGS - The drawing shows a flow diagram of the system.

506 data transmission block

507 recommendation rule database

508 recommended data decision block

509 cooking menu database

Title Terms/Index Terms/Additional Words: COOK; RELATED; INFORMATION; SYSTEM; USER; ELECTRONIC; OVEN

Class Codes

International Classification (Main): A23L-001/00, F24C-007/02, **G06F-017/60**

(Additional/Secondary): F24C-015/00, F24C-007/04

US Classification, Issued: 099325000

File Segment: EngPI; EPI;

DWPI Class: T01; X27; Q74

Manual Codes (EPI/S-X): T01-J05A; X27-C09

18/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012624714

WPI ACC NO: 2002-473356/200251

XRFX Acc No: N2002-373735

Data processing system for making recommendations based on user behavior in printing hardcopies of documents has a processor storing item ratings on which recommendations are made

Patent Assignee: XEROX CORP (XERO)

Inventor: GLANCE N S; GRASSO A; MEUNIER J; MEUNIER J L

Patent Family (4 patents, 28 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 1217554	A2	20020626	EP 2001310564	A	20011218	200251 B
US 20020116291	A1	20020822	US 2000746917	A	20001222	200258 E
JP 2002278989	A	20020927	JP 2001388418	A	20011220	200279 E
US 20040254911	A1	20041216	US 2000746917	A	20001222	200482 E
			US 2004877565	A	20040624	

Priority Applications (no., kind, date): US 2004877565 A 20040624; US 2000746917 A 20001222

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 1217554	A2	EN	14	3	
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2002278989	A	JA	15		
US 20040254911	A1	EN			Continuation of application US 2000746917

Alerting Abstract EP A2

NOVELTY - **User** requests for a hardcopy of an **item** are recorded and used to form **item** ratings based on **recommendation** criteria. From the **rating** and **recommendation** criteria the processor makes **recommendations**

. The criteria used may be **item** similarities or **user** similarities stored in **user** profiles.

DESCRIPTION - INDEPENDENT CLAIMS are included for

1.method for making recommendations

2.and a computer program product for making recommendations

USE - Making recommendations.

ADVANTAGE - Provides recommendations based on user behavior.

Title Terms/Index Terms/Additional Words: DATA; PROCESS; SYSTEM; BASED; USER; BEHAVE; PRINT; DOCUMENT; PROCESSOR; STORAGE; ITEM; RATING; MADE

Class Codes

International Classification (Main): G06F-017/30, **G06F-017/60**

(Additional/Secondary): G06F-007/00

US Classification, Issued: 705027000, 707001000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-C05A1; T01-J11D; T01-S03

18/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012447510

WPI ACC NO: 2002-393116/200242

XRPX Acc No: N2002-308192

Participant's behavior tracking method in match making service, involves calculating match score by comparing participant's statistics determined by choices made by one participant over another, respectively

Patent Assignee: LIEBEN A (LIEB-I); SALS D (SALS-I)

Inventor: LIEBEN A; SALS D

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020040310	A1	20020404	US 2000237546	P	20000930	200242 B
			US 2001954931	A	20010917	

Priority Applications (no., kind, date): US 2000237546 P 20000930; US 2001954931 A 20010917

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020040310	A1	EN	7	0	Related to Provisional US 2000237546

Alerting Abstract US A1

NOVELTY - Personal profiles of two participants are created by the participants themselves. The interest with other participant is selected, rejected or expressed by a participant. A compatible match score is calculated between the participants by comparing the participant's statistics determined by choices made by one participant over the other participant.

USE - For tracking behavior of participant for matching people for marriage, dating and friendship, for matching professional services with clients, to rank potential service providers such as doctors, lawyers, realtors and investment advisors, for professional service provider to identify ideal client by **ranking** prospects, for matching potential

employers and employees, for **ranking products** and service, helping **users** to find business partners, activity partners, housemates and providing **movie** and restaurants **recommendations** and selection services. Also used in computerized dating service, Internet dating service.

ADVANTAGE - Learns and figures out the needed information based on the observation of choices and actions of participant. Hence creates a highly flexible, adaptable, and intelligent ranking system. Observation of participant behavior and corresponding adjustments to the match rankings are made in background without any burden to participant. Hence the participant simply decides who he or she is or is not interested in. Provides invisible hand to participants over time to make it easier to find a right match. Relieves participants of some burden of identifying what they are looking for, thus making it easier for the participants to fill out their personal profiles. Even if a user does not make contact with anybody, the system still figures out compatibility for that person. Also observes person's actions of non-interest in other members.

Title Terms/Index Terms/Additional Words: PARTICIPATING; BEHAVE; TRACK; METHOD; MATCH; SERVICE; CALCULATE; SCORE; COMPARE; STATISTICAL; DETERMINE; CHOICE; MADE; ONE; RESPECTIVE

Class Codes

International Classification (Main): **G06F-017/60**
US Classification, Issued: 705007000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J03; T01-N01A2A; T01-N02B2A

18/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011201564 - Drawing available

WPI ACC NO: 2002-140018/200218

Related WPI Acc No: 2002-140019

XRPX Acc No: N2002-105513

Predicting user preference for musical selection by analyzing catalog of selections and matching rating with characteristics

Patent Assignee: GANG D (GANG-I); LEHMANN D (LEHM-I); MUSICGENOME.COM INC (MUSI-N)

Inventor: GANG D; LEHMANN D

Patent Family (6 patents, 95 countries)

Patent			Application					
Number	Kind	Date	Number	Kind	Date	Update		
WO 2002001438	A2	20020103	WO 2001IL603	A	20010629	200218	B	
AU 200170953	A	20020108	AU 200170953	A	20010629	200235	E	
EP 1297474	A1	20030402	EP 2001949842	A	20010629	200325	E	
			WO 2001IL603	A	20010629			
US 20030089218	A1	20030515	WO 2001IL603	A	20010629	200335	E	
			US 2002239992	A	20020927			
JP 2004522177	W	20040722	WO 2001IL603	A	20010629	200448	E	
			JP 2002506500	A	20010629			
US 7075000	B2	20060711	US 2000214753	P	20000629	200646	E	
			WO 2001IL603	A	20010629			
			US 2002239992	A	20020927			

Priority Applications (no., kind, date): US 2002239992 A 20020927; US 2000214753 P 20000629

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002001438	A2	EN	55	17	
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200170953	A	EN			Based on OPI patent WO 2002001438
EP 1297474	A1	EN			PCT Application WO 2001IL603
Based on OPI patent WO 2002001438					
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
US 20030089218	A1	EN			PCT Application WO 2001IL603
JP 2004522177	W	JA	90		PCT Application WO 2001IL603
Based on OPI patent WO 2002001438					
US 7075000	B2	EN			Related to Provisional US 2000214753
PCT Application WO 2001IL603					
Based on OPI patent WO 2002001438					

Alerting Abstract WO A2

NOVELTY - Method consists in analyzing a catalog of musical selections according to characteristics, rating musical selections by user, matching the **rating** with the characteristics to **predict** the user preference for the selections, and recommending selections to the user so that the user.

DESCRIPTION - Matching is by using a neural network so that the characteristics form a binary vector and the network learns to match the vector to the selection characteristics, or by using a map method to create a matrix of pseudo-distances between each pair of selections for comparison. The selection features printed and visual material.

USE - Method is for Internet music distribution.

ADVANTAGE - Method creates a personal radio channel with automated sales assistance.

DESCRIPTION OF DRAWINGS - The figure shows a user interface screen shot.

Title Terms/Index Terms/Additional Words: PREDICT; USER; PREFER; MUSIC; SELECT; MATCH; RATING; CHARACTERISTIC

Class Codes

International Classification (Main): G10K-015/02
 (Additional/Secondary): G10L-019/00, **G06F-017/60**
 International Classification (+ Attributes)
 IPC + Level Value Position Status Version
 G06F-0017/60 A I F B 20051231
 G06Q-0030/00 A I R 20060101
 G10H-0001/00 A I R 20060101
 G06Q-0030/00 C I R 20060101
 G10H-0001/00 C I R 20060101
 US Classification, Issued: 084615000, 084600000, 705010000

File Segment: EngPI; EPI;

DWPI Class: T01; P86

Manual Codes (EPI/S-X): T01-J16C1; T01-N01A2A; T01-N01D1A

18/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010943320 - Drawing available

WPI ACC NO: 2001-565939/

XRPX Acc No: N2001-421431

Creating inventory of items to be moved for home movers involves software on portable device or client/server system that calculates weight and volume of items for fixed price rate

Patent Assignee: DONALD K (DONA-I); KACHUR D (KACH-I)

Inventor: DONALD K; KACHUR D

Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
CA 2337757	A1	20010824	CA 2337757	A	20010223	200164 B
US 20040122748	A1	20040624	US 2000184655	P	20000224	200442 E
			US 2001791672	A	20010226	

Priority Applications (no., kind, date): US 2001791672 A 20010226; US 2000184655 P 20000224

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
CA 2337757	A1	EN	27	5	
US 20040122748	A1	EN			Related to Provisional US 2000184655

Alerting Abstract CA A1

NOVELTY - At the initial step (101), client request a web page with main menu presented to the user which requires login for identification .Main menu permits creating (103) of new inventory or modification of existing one . Set or subsets of icons can be provided by the server to client software for user (104) who will then create an inventory of house hold content.

DESCRIPTION - Selected icons closely representing the actual item (105) will be submitted to the server which will store the information in the inventory file or database (106). An inventory will be created by the server by looking up volume/weight of each item. Calculations by on-going cumulative basis will be done to get a quote displayed to the user by the client software.

An INDEPENDENT CLAIM is also included for a server system, creating an inventory of items including an **estimate** of total **weight** and volume for the inventory.

USE - For creating an inventory of items to be moved by a commercial moving service which includes a client/server software for communications over network.

ADVANTAGE - Standardization permits fair pricing, and similar industries to be on the same level. It is versatile due to the fact that it may include television **based** systems or various **other** consumer products and may be contained on a single computer or hand-held unit.

DESCRIPTION OF DRAWINGS - The flow diagram shows a routine of the method from start to finish.

- 101 step
- 102 creating inventory file
- 104 choose item grouping
- 105 icon representing item
- 106 database

Title Terms/Index Terms/Additional Words: INVENTORY; ITEM; MOVE; HOME; SOFTWARE; PORTABLE; DEVICE; CLIENT; SERVE; SYSTEM; CALCULATE; WEIGHT; VOLUME; FIX; PRICE; RATE

Class Codes

International Classification (Main): **G06F-017/60**
 US Classification, Issued: 705028000

File Segment: EPI;
 DWPI Class: T01
 Manual Codes (EPI/S-X): T01-H07C5E; T01-J05A; T01-J12B

18/5/17 (Item 17 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0010942026 - Drawing available
 WPI ACC NO: 2001-564580/200163
 XRPX Acc No: N2001-420273

User reaction predicting method for computer based marketing, involves selecting set of mentors from users and objective archetypes and pairing the users with mentors for predicting the not rated item rating

Patent Assignee: GREENING D R (GREE-I); HEY J B (HEYJ-I)

Inventor: GREENING D R; HEY J B

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20010013009	A1	20010809	US 199747220	P	19970520	200163 B
			US 199881264	A	19980519	

Priority Applications (no., kind, date): US 199747220 P 19970520; US 199881264 A 19980519

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20010013009	A1	EN	22	12	Related to Provisional US 199747220

Alerting Abstract US A1

NOVELTY - A **rating** representing the **user** reaction to the **item**, several objective archetypes (104), representing hypothetical **user** and associated **item** and **rating** representing hypothesized reaction are defined. A set of mentors (120) from the **user** group and from several objective archetypes is selected, **based on similarity** of rating of each user in group and each objective archetype. Each mentor is paired successively with selected **user** and similarity function representing overall pair **rating** agreement is computed. The selected **user rating** for not **rated items** is **predicted** from similarity functions and mentor ratings of **item**.

DESCRIPTION - An INDEPENDENT CLAIM is also included for user's reaction predicting system.

USE - For computer based marketing of items such as movies, books, music, games, food, groceries, special interest clubs, chat groups, online forums, web sites and advertising.

ADVANTAGE - Archetype **recommendation** provides ability to **predict user** 's response to new **items** and recommend new **items** to a **user** efficiently and accurately. Objective archetype **rates** all **items** satisfying best **rating** criterion.

DESCRIPTION OF DRAWINGS - The figure shows flow diagram of logical architecture of system and method for recommending items.

104 Objective archetypes

120 Mentors

Title Terms/Index Terms/Additional Words: USER; REACT; PREDICT; METHOD;
 COMPUTER; BASED; MARKET; SELECT; SET; OBJECTIVE; PAIR; RATE; ITEM; RATING

Class CodesInternational Classification (Main): **G06F-017/60**

US Classification, Issued: 705010000, 702181000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J03; T01-J05A2; T05-F

18/5/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010846213 - Drawing available

WPI ACC NO: 2001-464613/200150

XRPX Acc No: N2001-344608

Content item referral system has action analysis sub-system which receives user action behaviors and provides user profile data to referral sub-system

Patent Assignee: AGENT ARTS INC (AGEN-N); AGENTARTS INC (AGEN-N)

Inventor: HOSKEN B E

Patent Family (5 patents, 29 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2001006398	A2	20010125	WO 2000US19261	A	20000714	200150 B
AU 200059349	A	20010205	AU 200059349	A	20000714	200150 E
EP 1200902	A2	20020502	EP 2000945399	A	20000714	200236 E
			WO 2000US19261	A	20000714	
US 6438579	B1	20020820	US 1999144377	P	19990716	200257 E
			US 2000616474	A	20000714	
JP 2003522993	W	20030729	WO 2000US19261	A	20000714	200358 E
			JP 2001511584	A	20000714	

Priority Applications (no., kind, date): US 2000616474 A 20000714; US 1999144377 P 19990716

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001006398	A2	EN	42	7		
National Designated States,Original: AU CA JP						
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE						
AU 200059349	A	EN				Based on OPI patent WO 2001006398
EP 1200902	A2	EN				PCT Application WO 2000US19261
						Based on OPI patent WO 2001006398
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI						
US 6438579	B1	EN				Related to Provisional US 1999144377
JP 2003522993	W	JA	43			PCT Application WO 2000US19261
						Based on OPI patent WO 2001006398

Alerting Abstract WO A2

NOVELTY - An action analysis sub-system (68) receives user action behaviors correlated to content items considered by the **user**, to provide **user** profile data. A referral sub-system (62) traverses **user** profile data and **weighted** relationship data from sub-systems (54,56) for providing ordered list of content **items** relative to preset content **item**

DESCRIPTION - Weighted relation sub-systems (54,56) provides weighted relationship data representing relative similarities between characteristic attributes of preset set of content items. A referral sub-system (62)

receives **user** profile data and weighted relationship data, responsive to **user** query, to perform traversal of **user** profile data and **weighted** relationship data for providing ordered list of content **items** relative to preset content **item** . INDEPENDENT CLAIMS are also included for the following:

1. Media content recommendation providing method;
2. Content referred server system

USE - For selection of source content such as entertainment oriented media items e.g. music, books, videos.

ADVANTAGE - Enables combining content based filtering and progressively refined collaborative based filtering to deliver a set of media **item recommendations** that are consistent with a **user** 's person media content interests. Enables transmitting **recommendations** that are tailored to personalized interests of **user** . Determine scope of applicable similarities between particular and other **users** flexibly and recommends **items** within applicable scope. Enables capturing multilevel media content relationship information used to provide **recommendations** .

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of personalized referral system.

54, 56, 62, 68 Sub-systems

Title Terms/Index Terms/Additional Words: CONTENT; ITEM; SYSTEM; ACTION; ANALYSE; SUB; RECEIVE; USER; PROFILE; DATA

Class Codes

International Classification (Main): G06F-015/16, G06F-017/00, G06F-017/30
(Additional/Secondary): **G06F-017/60**

US Classification, Issued: 709203000, 709202000, 709217000, 709218000, 709219000, 709224000, 709229000, 707002000, 707003000, 707005000, 707010000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J

18/5/19 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0008879930 - Drawing available

WPI ACC NO: 1998-428160/

XRPX Acc No: N1998-334140

Method for recommending user unrated item to one of several users - uses factors representing similarity between user and other users , selects neighbouring users for user in response to these factors, assigns weight to neighbouring users , recommends item to user based on assigned weights and ratings

Patent Assignee: FIREFLY NETWORK INC (FIRE-N)

Inventor: CHISLENKO A; LASHKARI Y Z; MCNULTY J E

Patent Family (2 patents, 78 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 1998033135	A1	19980730	WO 1998US1437	A	19980126	199836 B
AU 199860418	A	19980818	AU 199860418	A	19980126	199851 E

Priority Applications (no., kind, date): US 1997789758 A 19970128

Patent Details

Number Kind Lan Pg Dwg Filing Notes
 WO 1998033135 A1 EN 47 4
 National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT UA UG UZ VN YU ZW
 Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GM
 GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
 AU 199860418 A EN Based on OPI patent WO 1998033135

Alerting Abstract WO A1

The method (fig 2) stores a **user** profile in memory for each **user** having several values representing a **rating** given to one of several **items** by the **user**, others represent additional information. Similarity factors are calculated for a user responsive to both the ratings given to the items by that user and the additional information.

Each similarity factor represents the similarity between the user and another one of the **users**. Neighbouring **users** are selected for the **user** in response to the factors. A **weight** is assigned to each of the neighbouring **users**. One of the **items** is recommended to the **user** based on the **weights** assigned to the **user**'s neighbouring **users** and the ratings given to the **item** by the **user**'s neighbouring **users**.

USE - Relates to improved method and apparatus for recommending items using automated collaborative filtering and feature guided automated collaborative filtering.

ADVANTAGE - Uses automated collaborative filtering to accurately **predict rating** that **user** will give to **item** based on **rating** given to that **item** by **users** that have tastes closely correlated with that **user**.

Title Terms/Index Terms/Additional Words: METHOD; USER; ITEM; ONE; FACTOR; REPRESENT; SIMILAR; SELECT; NEIGHBOURING; RESPOND; ASSIGN; WEIGHT; BASED; RATING

Class Codes

International Classification (Main): **G06F-017/60**

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-H07C5C; T01-J05A; T01-J11C1; T01-J18; W01-A06B7

18/5/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007964343 - Drawing available

WPI ACC NO: 1997-054883/199706

Related WPI Acc No: 1998-506965

XRPX Acc No: N1997-044971

Item recommendation **method for one of several users on Internet - involves selecting set of neighbouring users on basis of calculated similarities and predicting rating for item**

Patent Assignee: MASSACHUSETTS INST TECHNOLOGY (MASI); MICROSOFT CORP (MICR-N)

Inventor: BERGH C P; CHISLENKO A; LASHKARI Y; LASHKARI Y Z; MAES P; MCNULTY J E; METRAL M E; RITTER D H; SHARDANAND U; SHEENA J A; SULLIVAN J J; TIU D D

Patent Family (8 patents, 70 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
EP 751471	A1	19970102	EP 1996304536	A	19960618	199706 E
WO 1997002537	A1	19970123	WO 1996US10492	A	19960618	199710 E
AU 199662825	A	19970205	AU 199662825	A	19960618	199721 E
JP 11509019	W	19990803	WO 1996US10492	A	19960618	199941 E
			JP 1997505156	A	19960618	
US 6041311	A	20000321	US 1995598	P	19950630	200021 E
			US 19958458	P	19951211	
			US 1996597442	A	19960202	
			US 1997789758	A	19970128	
US 6049777	A	20000411	US 1995598	P	19950630	200025 E
			US 19958458	P	19951211	
			US 1996597442	A	19960202	
			US 1997818515	A	19970314	
US 6092049	A	20000718	US 1995598	P	19950630	200037 E
			US 19958458	P	19951211	
			US 1996597442	A	19960202	
			US 1997818533	A	19970314	
US 6112186	A	20000829	US 1995598	P	19950630	200043 E
			US 19958458	P	19951211	
			US 1996597442	A	19960202	
			US 1997828631	A	19970331	

Priority Applications (no., kind, date): US 1997828631 A 19970331; US 1997818533 A 19970314; US 1997818515 A 19970314; US 1997789758 A 19970128; US 19958458 P 19951211; US 1995598 P 19950630; US 1996597442 A 19960202

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 751471	A1	EN	23	4	
Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
WO 1997002537	A1	EN	45	4	
National Designated States, Original: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN					
Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 199662825	A	EN			Based on OPI patent WO 1997002537
JP 11509019	W	JA	49		PCT Application WO 1996US10492
					Based on OPI patent WO 1997002537
US 6041311	A	EN			Related to Provisional US 1995598
					Related to Provisional US 19958458
					C-I-P of application US 1996597442
US 6049777	A	EN			Related to Provisional US 1995598
					Related to Provisional US 19958458
					C-I-P of application US 1996597442
US 6092049	A	EN			Related to Provisional US 1995598
					Related to Provisional US 19958458
					C-I-P of application US 1996597442
US 6112186	A	EN			Related to Provisional US 1995598
					Related to Provisional US 19958458
					C-I-P of application US 1996597442

Alerting Abstract EP A1

The item recommendation method involves storing a profile for each of several **users** in a memory. Some of the values represent a **rating** given to **items** by a **user**. An **item** profile is stored in a memory for each of several **items**. Several similarity factors are calculated between

different **users** .

Several neighbouring **users** are selected for each **user** on the basis of the similarity factors. A **weight** is assigned to each of the neighbouring **users** . An **item** is recommended to one of the **users** on the basis of the **weights** assigned to the neighbours and the ratings they gave an **item** .

USE/ADVANTAGE - For goods and services, World Wide Web or LAN. Obtains opinions from several users on ratings. **Compares similarity** of users so as to make it likely that they have similar tastes.

Title Terms/Index Terms/Additional Words: ITEM; METHOD; ONE; USER; SELECT; SET; NEIGHBOURING; BASIS; CALCULATE; PREDICT; RATING

Class Codes

International Classification (Main): G06F-017/30, **G06F-017/60** ,
G06F-019/00

US Classification, Issued: 705027000, 705007000, 705008000, 705009000,
707102000, 705010000, 705026000, 707103000, 705010000, 705026000,
705010000, 705007000, 705014000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2

Set	Items	Description
S1	3012953	ITEM OR ITEMS OR PRODUCT? ? OR MOVIE? OR FILM OR FILMS OR - DVD OR DVDS OR BOOK? ?
S2	2493979	USER? OR MEMBER? ? OR SUBSCRIBER? ? OR FANS OR VIEWER? ? OR CONSUMER? ? OR CUSTOMER
S3	1855503	RATE? ? OR RATING OR RANK? ? OR RANKING OR WEIGHT??? OR SC- OR??? OR RECOMMENDATION?
S4	3121996	COMPAR??? OR BASED OR MATCH??? OR ANALY?
S5	5277634	OTHER OR ANOTHER OR LIKE-MINDED OR LIKE()MINDED OR RELATED OR SIMILAR?
S6	1527034	ESTIMAT??? OR APPROXIMAT? OR DETERMIN??? OR PREDICT???
S7	24257	S1 AND S2 AND S3
S8	810994	S4 AND S5
S9	212318	S6 AND S3
S10	1709	S7 AND S8 AND S9
S11	330	S10 AND IC=G06F-017/60
S12	1924	S2(7N)S3(10N)S1
S13	65422	S6(7N)S3
S14	152040	S4(10N)S5
S15	44	S12 AND S13 AND S14
S16	20	S15 AND IC=G06F-017/60
S17	20	IDPAT (sorted in duplicate/non-duplicate order)
S18	20	IDPAT (primary/non-duplicate records only)
S19	325671	COMMUNITY OR COLLECTING OR COLLECTED OR PEER
S20	2665	S19(5N)S3
S21	461	S20 AND S1
S22	47	S21 AND IC=G06F-017/60
S23	12611	S6(S)S2(S)S3
S24	23	S21 AND S23
S25	9	S24 AND IC=G06F-017/60
File 350:Derwent WPIX 1963-2006/UD=200651		
(c) 2006 The Thomson Corporation		
File 344:Chinese Patents Abs Jan 1985-2006/Jan		
(c) 2006 European Patent Office		
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)		
(c) 2006 JPO & JAPIO		

25/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014732020 - Drawing available

WPI ACC NO: 2005-079641/200509

Related WPI Acc No: 2005-046873; 2005-046881; 2005-073477; 2005-073534;
2006-087784

XRPX Acc No: N2005-070006

Behavior influence method of electronic recommender system, involves modifying particular item recommendations provided by recommender system based on adoption rate provided by trendsetters

Patent Assignee: GROSS J N (GROS-I)

Inventor: GROSS J N

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20040267604	A1	20041230	US 2003476392	P	20030605	200509 B
			US 2004863642	A	20040607	

Priority Applications (no., kind, date): US 2003476392 P 20030605; US
2004863642 A 20040607**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040267604	A1	EN	27	6	Related to Provisional US 2003476392

Alerting Abstract US A1

NOVELTY - A particular rate adoption rate adopted by identified trendsetters who are characterized as relatively early adopters of **items** that later become relatively popular within community of subscribers is measured. The particular **item** recommendations provided by the recommender system are modified based on measured adoption rate.

DESCRIPTION - An INDEPENDENT CLAIM is also included for system for providing **recommendation** of **items** to **community** of online subscribers.

USE - For influencing behavior of electronic recommender system, for monitoring particular **item** like **product**, service, content and market security of company e.g. AOL, Yahoo, Amazon, EBay, Netflix, Google and Doubleclick used by online users and subscribers, in e-commerce applications.

ADVANTAGE - Improves the performance of e-commerce website, effectively by analyzing the behavior of trendsetters.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the behavior influence method of electronic recommender system.

Title Terms/Index Terms/Additional Words: BEHAVE; INFLUENCE; METHOD; ELECTRONIC; SYSTEM; MODIFIED; **ITEM**; BASED; RATE

Class CodesInternational Classification (Main): **G06F-017/60**

US Classification, Issued: 705010000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2C

25/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014699273 - Drawing available

WPI ACC NO: 2005-046873/200505

Related WPI Acc No: 2005-046881; 2005-073477; 2005-073534; 2005-079641;
2006-087784

XRPX Acc No: N2005-040896

Trendsetters identifying method for predicting future product /service trends, involves generating ordered list of trendsetters based on trendsetter ratings of two items adopted by user

Patent Assignee: GROSS J N (GROS-I)

Inventor: GROSS J N

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20040249700	A1	20041209	US 2003476392	P	20030605	200505 B
			US 2004862930	A	20040607	

Priority Applications (no., kind, date): US 2003476392 P 20030605; US
2004862930 A 20040607

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040249700	A1	EN	27	6	Related to Provisional US 2003476392

Alerting Abstract US A1

NOVELTY - The method involves identifying adoptions of particular **item** by user, and ranking the adoptions to identify and provide trendsetter ratings to user who are early adopters of the **item**. The identifying and ranking process are repeated for another **item**, and an ordered list of trendsetters is generated based on trendsetter ratings of two **items**.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.method of identifying trendsetters within subscriber population; and
- 2.system for identifying trendsetters.

USE - For identifying trendsetters for **predicting** future **product** /service trends, evaluating advertising techniques, identifying collectible **items** such as **books**, auction articles, music recordings, services, human readable contents, computer in electronic auction, influencing search engines and recommender systems, through internet.

ADVANTAGE - Enables to test, **rate** and report the adoption **rate** and/or expected demand for a particular **item**, effectively.

DESCRIPTION OF DRAWINGS - The figure shows the flow diagram explaining the trendsetters identifying method.

Title Terms/Index Terms/Additional Words: IDENTIFY; METHOD; **PREDICT** ;
FUTURE; **PRODUCT** ; SERVICE; TREND; GENERATE; ORDER; LIST; BASED; **RATING**
; TWO; **ITEM** ; ADOPT; **USER**

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705010000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2C

25/5/3 (Item 3 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0014337616 - Drawing available

WPI ACC NO: 2004-525584/200450

XRPX Acc No: N2004-416547

Position based charging system for online services, searches discount rate database using current user position data based on which actual user charge is deducted by collecting amount from service provider

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: FUKUI S

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2004057507	A1	20040708	WO 2002JP13343	A	20021220	200450 B
US 20050101292	A1	20050512	WO 2002JP13343	A	20021220	200532 E
			US 200414882	A	20041220	
JP 2004562003	X	20060427	WO 2002JP13343	A	20021220	200628 E
			JP 2004562003	A	20021220	

Priority Applications (no., kind, date): WO 2002JP13343 A 20021220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2004057507	A1	JA	47	19	
National Designated States, Original: JP US					
US 20050101292	A1	EN			Continuation of application WO 2002JP13343
JP 2004562003	X	JA	23		PCT Application WO 2002JP13343 Based on OPI patent WO 2004057507

Alerting Abstract WO A1

NOVELTY - The processor stores the discount rate for the service utilization charges with respect to the services provided to the user by service providers based on the user positional data. The current positional information is received based on which database is searched with respect to the service. The actual user's charge is deducted based on the discount rate by collecting the discount amount from service providers.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.user position based service charging method;
- 2.information terminal; and
- 3.service charge computing program.

USE - For charging management of various online services like restaurant seat reservations in hotels, bargain sales at shopping mall, book delivery at library/schools and other services at theme park and park using mobile telephone, personal digital assistant (PDA), personal computer, personal handy system (PHS) connected to local area network (LAN), wide area network (WAN) and internet.

ADVANTAGE - Improves sales improvement and increases the customers for a particular service area by providing the price deductions to customer through the amount collected from service providers.

DESCRIPTION OF DRAWINGS - The figure shows a schematic block diagram of service charging system.(Drawing includes non-English language text).

- 1 service center
- 1a user position database

1b charging table
 2 user
 3 terminal
 4 company

Title Terms/Index Terms/Additional Words: POSITION; BASED; CHARGE; SYSTEM;
 SERVICE; SEARCH; DISCOUNT; RATE; DATABASE; CURRENT; USER; DATA; ACTUAL;
 COLLECT; AMOUNT

Class Codes

International Classification (Main): **G06F-017/60** , H04Q-007/20

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0030/00 A I F B 20060101

G06Q-0050/00 A I L B 20060101

US Classification, Issued: 455406000, 455405000

File Segment: EPI;

DWPI Class: T01; W02

Manual Codes (EPI/S-X): T01-C03C; T01-N01A2A; T01-S03; W02-C03C1E;
 W02-C03C1J

25/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014246043 - Drawing available

WPI ACC NO: 2004-432098/200440

XRPX Acc No: N2004-341558

**User preference profile generating method for community -based
 recommendation system, involves initializing unit of user preference
 profile with preference value, where unit is associated with content item**

Patent Assignee: BODLAENDER M P (BODL-I); HOLLEMANS G (HOLL-I); KONINK

PHILIPS ELECTRONICS NV (PHIG); VIGNOLI F (VIGN-I)

Inventor: BODLAENDER M P; HOLLEMANS G; VIGNOLI F

Patent Family (8 patents, 105 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2004047448	A2	20040603	WO 2003IB4768	A	20031027	200440 B
AU 2003272021	A1	20040615	AU 2003272021	A	20031027	200470 E
EP 1563684	A2	20050817	EP 2003753862	A	20031027	200554 E
			WO 2003IB4768	A	20031027	
JP 2006506725	W	20060223	WO 2003IB4768	A	20031027	200619 E
			JP 2004552935	A	20031027	
US 20060085818	A1	20060420	WO 2003IB4768	A	20031027	200628 E
			US 2005534481	A	20050510	
AU 2003272021	A8	20051103	AU 2003272021	A	20031027	200629 E
CN 1711771	A	20051221	CN 200380103301	A	20031027	200636 E
KR 2005074588	A	20050718	WO 2003IB4768	A	20031027	200643 E
			KR 2005708378	A	20050511	

Priority Applications (no., kind, date): EP 200279769 A 20021115

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2004047448	A2	EN	20	2	

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY
 BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU
 ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX

MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ
 UA UG US UZ VC VN YU ZA ZM ZW
 Regional Designated States, Original: AT BE BG CH CY CZ DE DK EA EE ES FI
 FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ
 TR TZ UG ZM ZW
 AU 2003272021 A1 EN Based on OPI patent WO 2004047448
 EP 1563684 A2 EN PCT Application WO 2003IB4768
 Based on OPI patent WO 2004047448
 Regional Designated States, Original: AL AT BE BG CH CY CZ DE DK EE ES FI
 FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
 JP 2006506725 W JA 15 PCT Application WO 2003IB4768
 Based on OPI patent WO 2004047448
 US 20060085818 A1 EN PCT Application WO 2003IB4768
 AU 2003272021 A8 EN Based on OPI patent WO 2004047448
 KR 2005074588 A KO PCT Application WO 2003IB4768
 Based on OPI patent WO 2004047448

Alerting Abstract WO A2

NOVELTY - The method involves initializing a unit of a user preference profile with a preference value. The unit is associated with a content **item**. Another **item** related with the former **item** is determined for setting another preference value of the unit of the user preference profile. An equivalence of values is determined in response to a degree of similarity between the **items**.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.a record carrier comprises a computer program of a method for generating a user preference profile for use in a community based recommendation system
- 2.an apparatus for operating with content items in a community -based recommendation system
- 3.a community based recommendation system.

USE - Used for generating a user preference profile for use in a **community** based **recommendation** system (claimed).

ADVANTAGE - The method increases the flexibility and diversity for generating the user preference profile, thereby improving the **community** based **recommendations**.

DESCRIPTION OF DRAWINGS - The drawing shows an illustration of a **community** -based **recommendation** system.

- 101 Central recommendation controller
- 103 User terminal
- 105 Recommender communication unit
- 107 Recommender
- 109 User preference profile database

Title Terms/Index Terms/Additional Words: USER; PREFER; PROFILE; GENERATE; METHOD; COMMUNAL; BASED; SYSTEM; INITIALISE; UNIT; VALUE; ASSOCIATE; CONTENT; **ITEM**

Class Codes

International Classification (Main): H04N-007/16, **G06F-017/60**

(Additional/Secondary): G06F-017/00

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0013/00 A I L B 20060101

G06F-0017/30 A I F B 20060101

H04N-0005/445 A I L B 20060101

H04N-0007/025 A I F B 20060101
 H04N-0007/10 A I L B 20060101
 H04N-0007/173 A I L B 20060101
 H04N-0007/16 A I R 20060101
 H04N-0007/173 A I R 20060101
 H04N-0007/16 C I R 20060101
 H04N-0007/173 C I R 20060101
 US Classification, Issued: 725046000, 725034000, 725035000

File Segment: EPI;
 DWPI Class: T01; W02
 Manual Codes (EPI/S-X): T01-J05B4P; T01-S03; W02-F10E

25/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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0013801618 - Drawing available
 WPI ACC NO: 2003-901724/200382
 XRPX Acc No: N2003-720043

Online consumer claim evaluation system for law firm, scores and evaluates potential consumer legal claims according to factual and medical indicators established for that specific claim

Patent Assignee: TASCHNER D B (TASC-I)
 Inventor: TASCHNER D B

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030212582	A1	20031113	US 2002144875	A	20020513	200382 B

Priority Applications (no., kind, date): US 2002144875 A 20020513

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030212582	A1	EN	8	1	

Alerting Abstract US A1

NOVELTY - The claim information is collected from a consumer who has potential consumer legal claims such as personal injury, **product** liability or tort claims. The **collected** claims are automatically **scored** and evaluated according to factual and medical indicators established for that specific consumer legal claim.

USE - For providing legal services on legal and commercial basis for businesses and law firms, through Internet.

ADVANTAGE - Allows the entire system to be electronically automated. A separate series of questions for each legal claim is created, based upon the specific nature of the claim involved.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart describing the claim information gathering, evaluation and retention/rejection process.

Title Terms/Index Terms/Additional Words: CONSUME; CLAIM; EVALUATE; SYSTEM; LAW; FIRM; SCORE; POTENTIAL; LEGAL; ACCORD; MEDICAL; INDICATE; ESTABLISH; SPECIFIC

Class Codes

International Classification (Main): **G06F-017/60**
 US Classification, Issued: 705004000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2E; T01-N01A2F

25/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013534291 - Drawing available

WPI ACC NO: 2003-627788/200359

Related WPI Acc No: 2005-131352; 2005-150573

XRPX Acc No: N2003-499634

Weight control system, for weight watchers, that provides an interactive software environment to a weight watcher delivered via a computer network

Patent Assignee: CONNELLY L (CONN-I); CROOK A (CROO-I); KELLY S (KELL-I);
 KIRCHHOFF D (KIRC-I); MILLER-KOVACH K (MILL-I); PERL A (PERL-I);
 POSILLICO P (POSI-I); SEMMELBAUER T (SEMM-I); SHEPPARD A (SHEP-I);
 WEIGHT WATCHERS INT INC (WEIG-N); WEIGHT WATCHERS.COM INC (WEIG-N);
 WEIGHTWATCHERS.COM (WEIG-N)

Inventor: CONNELLY L; CROOK A; KELLY S; KIRCHHOFF D;
 MILLER-KOVACH K; PERL A; POSILLICO P; SEMMELBAUER T; SHEPPARD A

Patent Family (8 patents, 101 countries)

Patent			Application				
Number	Kind	Date	Number	Kind	Date	Update	
WO 2003067373	A2	20030814	WO 2003US2963	A	20030131	200359 B	
US 20030187683	A1	20031002	US 2002353811	P	20020201	200365 E	
			US 2003355425	A	20030131		
AU 2003212880	A1	20030902	AU 2003212880	A	20030131	200425 E	
US 20040171925	A1	20040902	US 2002353811	P	20020201	200458 E	
			US 2003355425	A	20030131		
			US 2004797284	A	20040310		
US 20040204955	A1	20041014	US 2002353811	P	20020201	200468 E	
			US 2003355425	A	20030131		
			US 2004797502	A	20040310		
US 20040210456	A1	20041021	US 2002353811	P	20020201	200470 E	
			US 2003355425	A	20030131		
			US 2004797282	A	20040310		
US 20040210459	A1	20041021	US 2002353811	P	20020201	200470 E	
			US 2003355425	A	20030131		
			US 2004797274	A	20040310		
EP 1480553	A2	20041201	EP 2003708922	A	20030131	200478 E	
			WO 2003US2963	A	20030131		

Priority Applications (no., kind, date): US 2004797502 A 20040310; US
 2004797284 A 20040310; US 2004797282 A 20040310; US 2004797274 A
 20040310; US 2003355425 A 20030131; US 2002353811 P 20020201

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
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WO 2003067373	A2	EN	79	24	
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National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY
 BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
 VN YU ZA ZM ZW

Regional Designated States, Original: AT BE BG CH CY CZ DE DK EA EE ES FI
 FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR
 TZ UG ZM ZW

US 20030187683	A1	EN			Related to Provisional US 2002353811
AU 2003212880	A1	EN			Based on OPI patent WO 2003067373
US 20040171925	A1	EN			Related to Provisional US 2002353811

Division of application US 2003355425

US 20040204955 A1 EN Related to Provisional US 2002353811
Division of application US 2003355425

US 20040210456 A1 EN Related to Provisional US 2002353811
Division of application US 2003355425

US 20040210459 A1 EN Related to Provisional US 2002353811
Division of application US 2003355425

EP 1480553 A2 EN PCT Application WO 2003US2963
Based on OPI patent WO 2003067373

Regional Designated States, Original: AL AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Alerting Abstract WO A2

NOVELTY - Weight control software includes several modules and tools such as a journal, a weight tracker, and a meal planner, which are highly interactive and personalized. User input in one module or tool can update other modules and tools.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of weight control.

USE - For weight watchers.

ADVANTAGE - The overall weight control process is automatic and seamless, so that the weight watcher remains motivated.

DESCRIPTION OF DRAWINGS - The figure shows the schematic diagram of the weight control software system.

100 Weight control software system

Title Terms/Index Terms/Additional Words: WEIGHT; CONTROL; SYSTEM; INTERACT
; SOFTWARE; ENVIRONMENT; DELIVER; COMPUTER; NETWORK

Class Codes

International Classification (Main): A61B-005/00, A61B-005/05, G06F,
G06F-001/26, **G06F-017/60**

(Additional/Secondary): G06F-001/28, G06F-001/30

US Classification, Issued: 705001000, 600407000, 705001000, 705001000,
345705000, 705002000

File Segment: EngPI; EPI;

DWPI Class: T01; P31

Manual Codes (EPI/S-X): T01-J06A

25/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0013213651 - Drawing available

WPI ACC NO: 2003-298192/

XRPX Acc No: N2003-237070

Product recommendation **provision method involves** determining peer
group of customer **based on calculated similarity function of content and**
compatibility attributes, to generate potential recommendation for
customer

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AGGARWAL C C; YU P S

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6487539	B1	20021126	US 1999369741	A	19990806	200329 B

Priority Applications (no., kind, date): US 1999369741 A 19990806

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6487539	B1	EN	14	7	

Alerting Abstract US B1

NOVELTY - The content representation of **product** is generated based on **product** content information extracted corresponding to the customers. A similarity function between pair of content attributes and compatibility attributes of the **products** are calculated based on which the closest peer group to which the **customer** belong is **determined**. A potential **recommendation** for **customer** is generated based on the peer group.

DESCRIPTION - An INDEPENDENT CLAIM is included for storage device storing **product** recommendation provision program.

USE - For providing **product** recommendation to customers for online shopping.

ADVANTAGE - Useful information for making purchases through Internet is provided to the customer by generating potential **recommendation** corresponding to the **peer** group of customer.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart explaining the process of providing **product** recommendation to customers.

Title Terms/Index Terms/Additional Words: **PRODUCT** ; PROVISION; METHOD; DETERMINE; PEER; GROUP; CUSTOMER; BASED; CALCULATE; SIMILAR; FUNCTION; CONTENT; COMPATIBLE; ATTRIBUTE; GENERATE; POTENTIAL

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705014000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A; T01-N01A2C; T01-S03

25/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012814981 - Drawing available

WPI ACC NO: 2002-672369/

Method for selecting investment item

Patent Assignee: LG ELECTRONICS INC (GLDS)

Inventor: YOO S G

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
KR 2002033897	A	20020508	KR 200064085	A	20001030	200272 B

Priority Applications (no., kind, date): KR 200064085 A 20001030

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2002033897	A	KO	1	10	

Alerting Abstract KR A

NOVELTY - An investment **item** selection method is provided to select a business **item** among a plurality of entertainment **items** such as a **movie** or a character business via an open assessment, and to raise a fund for commercializing the selected business **item**.

DESCRIPTION - The method comprises steps of bulletining entertainment **items** over an IP server(20), enabling subscribed **members** to assess the entertainment **items** for selecting investment **items** via terminals(10), calculating online assessment **scores collected** for a certain period for **determining** investment **items**, **determining** a compensation **rate** for the bulletined entertainment **items** based on the online assessment, and offering a **determined** compensation money or stock to an **item** proposer or recommender according to a profit or business showings caused by commercializing the selected entertainment **items**. In a step of an online assessment, assessors receives assessment identification codes, and in a step of an assessment **score** calculation, an overlapping of the same identification code on the bulletined **item** is checked.

Title Terms/Index Terms/Additional Words: METHOD; SELECT; INVESTMENT; **ITEM**

Class Codes

International Classification (Main): **G06F-017/60**

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A

25/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012448613 - Drawing available

WPI ACC NO: 2002-394273/200242

XRPX Acc No: N2002-309123

Enterprise wide mining through Internet involves generating prediction/recommendation using data mining models

Patent Assignee: CAMPOS M (CAMP-I); MYCZKOWSKI J (MYCZ-I); ORACLE CORP (ORAC-N); ORACLE INT CORP (ORAC-N); TAMAYO P (TAMA-I)

Inventor: CAMPOS M; MYCZKOWSKI J; TAMAYO P

Patent Family (7 patents, 95 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2002027529	A2	20020404	WO 2001US30021	A	20010927	200242 B
US 20020083067	A1	20020627	US 2000235926	P	20000928	200245 E
			US 2001963401	A	20010927	
AU 200191248	A	20020408	AU 200191248	A	20010927	200252 E
EP 1360608	A2	20031112	EP 2001971352	A	20010927	200377 E
			WO 2001US30021	A	20010927	
JP 2004519758	W	20040702	WO 2001US30021	A	20010927	200443 E
			JP 2002531039	A	20010927	
US 6836773	B2	20041228	US 2000235926	P	20000928	200502 E
			US 2001963401	A	20010927	
US 20050102292	A1	20050512	US 2000235926	P	20000928	200532 E
			US 2001963401	A	20010927	
			US 200413339	A	20041217	

Priority Applications (no., kind, date): US 200413339 A 20041217; US 2000235926 P 20000928; US 2001963401 A 20010927

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002027529	A2	EN	85	18	
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
US 20020083067	A1	EN			Related to Provisional US 2000235926
AU 200191248	A	EN			Based on OPI patent WO 2002027529
EP 1360608	A2	EN			PCT Application WO 2001US30021 Based on OPI patent WO 2002027529
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2004519758	W	JA	134		PCT Application WO 2001US30021 Based on OPI patent WO 2002027529
US 6836773	B2	EN			Related to Provisional US 2000235926
US 20050102292	A1	EN			Related to Provisional US 2000235926 Continuation of application US 2001963401
Continuation of patent US 6836773					

Alerting Abstract WO A2

NOVELTY - Data are collected from several data sources and are integrated to generate several data mining models. A prediction/recommendation is generated using the data mining models, in response to a received request.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.Computer program product comprising instruction for performing enterprise web mining;
- 2.Enterprise web mining system

USE - Enterprise wide data mining through Internet for generating on-line prediction and recommendation.

ADVANTAGE - The methodology and framework adapted in data mining process, allows for generation of high value prediction and recommendation to capture and explain complex behavior and offers improved prediction accuracy.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of methodology and technical framework implemented in enterprise wide data mining system.

Title Terms/Index Terms/Additional Words: WIDE; MINE; THROUGH; GENERATE; PREDICT; DATA; MODEL

Class Codes

International Classification (Main): G06F-017/00, G06F-017/30, G06F-019/00, G06F-007/00

(Additional/Secondary): **G06F-017/60**

US Classification, Issued: 707100000, 707010000, 707006000, 705010000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N03A2; T01-S03

Set	Items	Description
S1	1061575	ITEM OR ITEMS OR PRODUCT? ? OR MOVIE? OR FILM OR FILMS OR - DVD OR DVDS OR BOOK? ?
S2	924539	USER? OR MEMBER? ? OR SUBSCRIBER? ? OR FANS OR VIEWER? ? OR CONSUMER? ? OR CUSTOMER
S3	1057783	RATE? ? OR RATING OR RANK? ? OR RANKING OR WEIGHT??? OR SC- OR??? OR RECOMMENDATION?
S4	1319536	COMPAR??? OR BASED OR MATCH??? OR ANALY?
S5	1785324	OTHER OR ANOTHER OR LIKE-MINDED OR LIKE()MINDED OR RELATED OR SIMILAR?
S6	1318257	ESTIMAT??? OR APPROXIMAT? OR DETERMIN??? OR PREDICT???
S7	4984	S2(7N)S3(7N)S1
S8	369130	S4(10N)S5
S9	178751	S6(5N)S3
S10	94	S7(S)S8(S)S9
S11	40	S10 AND IC=G06F-017/60
S12	40	IDPAT (sorted in duplicate/non-duplicate order)
S13	40	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2006/ 200632
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060803,UT=20060727
(c) 2006 WIPO/Univentio

13/3,K/2 (Item 2 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2006 European Patent Office. All rts. reserv.

01228293

System and method for using noisy collaborative filtering to rank and present items

System und Verfahren zum Verwenden einer kollaborativen rauschbehafteten Filtertechnik zum Reihens und Prasentieren von Artikeln

Systeme et methode pour utiliser un filtrage collaboratif avec parasites pour classer et presenter des articles

PATENT ASSIGNEE:

Xerox Corporation, (219788), Xerox Square - 20A, 100 Clinton Avenue South
 , Rochester, New York 14644, (US), (Applicant designated States: all)

INVENTOR:

Glance, Natalie S., 14 alle's de la Praly, 38240 Meylan, (FR)

Dardenne, Manfred, 5 Place Hubert Dubedout, 38000 Grenoble, (FR)

LEGAL REPRESENTATIVE:

Skone James, Robert Edmund (50281), GILL JENNINGS & EVERY Broadgate House
 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 1065616 A2 010103 (Basic)

EP 1065616 A3 020918

APPLICATION (CC, No, Date): EP 2000305362 000626;

PRIORITY (CC, No, Date): US 343118 990629

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ; G06F-017/30

ABSTRACT WORD COUNT: 94

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200101	750
SPEC A	(English)	200101	4076
Total word count - document A			4826
Total word count - document B			0
Total word count - documents A + B			4826

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ...

...SPECIFICATION its variance. The distribution can be used to decide whether or not to present an **item** to the user and how to **rank** it **compared** with **other items** . This is accomplished by sampling the probability distribution of the **predicted user 's rating** and presenting the **predicted user 's rating** when the sampled value is greater than a user set threshold value. By enabling the...

13/3,K/6 (Item 6 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
 (c) 2006 WIPO/Univentio. All rts. reserv.

01309410 **Image available**

APPARATUS, SYSTEM AND METHOD FOR USE IN PROVIDING USER RATINGS ACCORDING TO PRIOR TRANSACTIONS

DISPOSITIF, SYSTEME ET PROCEDE UTILISES POUR FOURNIR DES EVALUATIONS RELATIVES A DES TRANSACTIONS EFFECTUEES

Patent Applicant/Assignee:

YAHOO! INC, D-274, 701 First Avenue, Sunnyvale, CA 94089, US, US
 (Residence), US (Nationality), (For all designated states except: US)
 Patent Applicant/Inventor:
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 (Nationality), (Designated only for: US)
 POONEN Zareen, 271 6th Avenue, Apt. 7, San Francisco, CA, US, US
 (Residence), US (Nationality), (Designated only for: US)
 Legal Representative:
 BRANCH John W (agent), Darby & Darby P.C., P.O. Box 5257, New York, NY
 10150-5257, US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 2005116891 A2 20051208 (WO 05116891)
 Application: WO 2005US13633 20050420 (PCT/WO US05013633)
 Priority Application: US 2004849962 20040519
 Designated States:
 (All protection types applied unless otherwise stated - for applications
 2004+)
 AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
 DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
 LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT
 RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA
 ZM ZW
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
 PT RO SE SI SK TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 11448

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... of user pre category (total insurance claims per category / total transactions per category), and **other** such statistics relative to insured transactions. Further, some implementations **compare** total insurance claims and percentages to gross merchandise sales (GMS), auctions, number and/or types...

...maintain statistics on the displaying of notifications and use of the notifications to access further **user** information/history, further information on **recommendations** , access to related **products** , use of coupons and other such statistics related to the displaying of the notification and...

...be limited by the number of transactions and/or the time period in which the **user** participates in transactions. For example, a **user** selling **products** may be denied access if the **user** has a negative five (-5) summary **rating** . Further, a user may be denied access if the user obtains a summary rating of...

...entered into the transaction. For example, an e-mail can be forwarded to a first **user** that bought a **product** from a second **user** . The e-mail message can request the first **user** to **rate** the second **user** (e.g., was the purchased **product** (s) received, was the **product** damaged, and other such criteria). Similarly, an e-mail can be forwarded to the second
 ...

...in entering into a transaction with a second user;
 displaying a second user's summary **rating** to the first user;
determining if the summary **rating** exceeds a rating threshold; and
 displaying a notification to the first user when the second...

13/3,K/9 (Item 9 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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01095468 **Image available**

STATISTICAL PERSONALIZED RECOMMENDATION SYSTEM
SYSTEME DE RECOMMANDATION STATISTIQUE PERSONNALISE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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 , US (Nationality), (Designated only for: US)

STRICKMAN Michael, 16 Ware Street, Weston, MA 02493, US, US (Residence),
 US (Nationality), (Designated only for: US)

Legal Representative:

ROHLICEK Robin J (agent), Fish & Richardson, P.C., 225 Franklin Street,
 Boston, MA 02110, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200417178 A2-A3 20040226 (WO 0417178)

Application: WO 2003US25933 20030819 (PCT/WO US03025933)

Priority Application: US 2002404419 20020819; US 2002422704 20021031; US
 2003448596 20030219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
 SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
 SI SK TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11832

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... a user n has expressed an explicit preference for attribute k of Znk I
 and **user** n is in cohort d, then that **product** ink = Znkrdk is used by
scorer 125 in determining the contribution based on the **user** 's
 explicit ratings as **compared** to the contribution **based on other**
 estimated parameters, and in determining the relative contribution of
 explicit preferences for different of the...

...used by scorer 125 in computing a contribution of a user's cohort to the

estimated rating . Cohort data 280 also includes a cohort rating or fixed-effect vector f 298, whose...

13/3,K/14 (Item 14 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00945753 **Image available**

CUSTOMER PREFERENCE SYSTEM

SYSTEME DE PREFERENCE DE CLIENTS

Patent Applicant/Assignee:

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 (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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 (Residence), US (Nationality), (Designated only for: US)
 ZHOU Yiping, 15919 Avenida Venuso #1132, San Diego, CA 92128, US, US
 (Residence), CN (Nationality), (Designated only for: US)
 BROWSER Chad Justin, 15939 Avenida Venuso #1235, San Diego, CA 92127, US,
 US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

WOYCECHOWSKY David B (agent), Luce, Forward, Hamilton & Scripps LLP,
 Suite 2600, 600 West Broadway, San Diego, CA 92101, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200279901 A2-A3 20021010 (WO 0279901)
 Application: WO 2001US45175 20011031 (PCT/WO US01045175)
 Priority Application: US 2001269419 20010216

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13721

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... Decision Model 500). This Confidence Measure 212 is used later in combining various parallel Attribute **Rating Estimates** and Product **Rating Estimates** .

1 5

Case-Based Estimation

In the rather more traditional style of Collaborative Filtering, we may also create Attribute Rating Estimates 213 for a subject User 201 **based** on the Attribute Rating Estimates 21 1 of **other Similar** Users 20 1, using any of the Similarity Measures in the User Similarity Table 13 created **based** on a **similarity** -weighted Set Combination (in our case, the weighted average) of the Explicit Attribute Ratings 21...

...209. Thus an Attribute

Atty Docket No.: 28749-2/PO2 Page 37 of 54 Patent

Rating Estimate 213 may be **predicted based** on Users 201 who are **Similar** by the **Product Rating Similarity** 248 (from the **User Similarity Table 13**), Attribute **Rating Similarity** 250, or **User Attribute Similarity** 252. A Confidence Measure 214 (non-interchangeable) can also be determined. This Confidence Measure...the Users 201 whose Attribute Ratings 2 1 0 were used in constructing the Attribute **Rating Estimate** 213.

Combining Attribute **Rating Estimates**

Although, at this point, it might seem helpful to combine the various types of 1...from Product Similarity from Product Ratings 232 Analogous to the traditional Collaborative Filtering method, this process **predicts** a Product **Rating Estimate** for a given **User** 201 and **Product** 222 based on the **Product Ratings** 223 of other **Similar Products** 222, as found in the **Product Similarity Table 17**. Thusly, the **Product Rating Estimate** 232 is determined as the **Product Similarity-weighted Set Combination (weighted average)** of the other **Products** ' Explicit **Product Ratings** 223 by the subject User 201. This method uses weights that are the product of the **Similarity Product Rating Similarity** 238 and the **Certainty Measure Product Rating Dimension** 239. A Confidence Measure 233 for this Estimate 232 is formed as the **weighted Confidence Measures** of the **Similarities** used in forming the **Estimate** 232. The **weights** of the partial Confidence Measures are the same weights as those used to weight the...

13/3,K/17 (Item 17 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00928429

SYSTEM AND METHOD FOR MATCHING CONSUMERS WITH PRODUCTS

SYSTEME ET PROCEDE POUR APPARIER LES CONSOMMATEURS AUX PRODUITS

Patent Applicant/Assignee:

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, US, US (Residence), US (Nationality)

Inventor(s):

SCHEURING Sylvia Tidwell, PMB 251, 225 Crossroads Blvd., Carmel, CA 93923
, US,

SCHEURING Jerome James, PMB 251, 225 Crossroads Blvd., Carmel, CA 93923,
US,

SCHULTZ David A, 607 Key Blvd., Richmond, CA 94805, US,

Legal Representative:

JOSEPHSON Daryl C (et al) (agent), Squire, Sanders & Dempsey L.L.P., 600
Hansen Way, Palo Alto, CA 94304-1043, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200261658 A2 20020808 (WO 0261658)

Application: WO 2002US3028 20020130 (PCT/WO US0203028)

Priority Application: US 2001265260 20010130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 19089

Main International Patent Class (v7): **G06F-017/60**
 Fulltext Availability:
 Detailed Description

Detailed Description

... translation maps or other suitable elements for providing suitable profiling interfaces consistent with the corresponding **determined** cognitive bases, and communicating assignable **weights** to form **product** /vendor profiles (which can be further analyzed by **product** vendor analyzers 1407, 1409 as with (**consumer**) portrait analyzer 613 of FIG. 7a (e.g. to form product/ vendor portraits). Product or...

...communication mechanism for receiving product facts or parameters (or suggested facts/parameters for consideration by **matching** -system administrators), and vendor objectives can operate **similarly** with regard to vendor facts (which can include factual or parameterized products provided by a...

13/3,K/22 (Item 22 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
 (c) 2006 WIPO/Univentio. All rts. reserv.

00867316 **Image available**

SYSTEM AND METHOD FOR PROVIDING PERSONALIZED RECOMMENDATIONS
SYSTEME ET PROCEDE DESTINES A FOURNIR DES RECOMMANDATIONS PERSONNALISEES

Patent Applicant/Assignee:

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 (Nationality), (Designated only for: BB BR BZ CA CR CU GD LC MX)
 QUARK MEDIA HOUSE SARL, Puets-Godeet 6a, CH-2000 Neuchatel, CH, CH
 (Residence), CH (Nationality), (For all designated states except: BB BR
 BZ CA CR CU LC MX)

Inventor(s):

GUTIERREZ Francisco, 1800 Grant Street, Denver, CO 80203, US,

Legal Representative:

WEBB Glenn (agent), PO 951, Conifer, CO 80433, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200201419 A1 20020103 (WO 0201419)

Application: WO 2001US20689 20010627 (PCT/WO US0120689)

Priority Application: US 2000214871 20000628

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
 TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4581

International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... the assumptions described above. A new user is queried on random sets of Objects. The **user** may be asked to rate their preference for genres of **movies**, restaurants, clothes, music, etc. In this example, the **user rates** certain **movies**, restaurants, clothes, music above other **movies**, restaurants, clothes and **movies**. The system then **determines** that the **rated** objects have certain properties that have been previously **rated**. The **user** is then asked to rate other objects that are closely linked through properties linked to...

...are associated with the "Cowboy" lifestyle. The lifestyle system then makes recommendations to the user **based** on weighted ratings received from **other** users associated with the Cowboy lifestyle.

It is to be expressly understood that other processes...

13/3,K/23 (Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00819425

INTERACTIVE PRODUCT SELECTION SYSTEM

SYSTEME DE SELECTION DE PRODUITS INTERACTIF

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200152126 A2 20010719 (WO 0152126)

Application: WO 2001GB32 20010104 (PCT/WO GB0100032)

Priority Application: US 2000483375 20000114; US 2000483376 20000114; US 2000483377 20000114; US 2000572362 20000517

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14210

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... good, good, fair and poor) for selected criteria is far too broad and superficial to **compare similar products** within a sector.

Fourth, the overall **scores** are so general as to be meaningless. For example, in **Consumers Association's products** are given an overall **score** within a range of 1-10, yet with most **scoring** This three point scale in difference (7-9) is not particularly helpful when trying to...of significance for individual attributes. With respect to the relative importance of attributes, attributes are **weighted** in relative importance (given a priority **ranking**) by **determining** which features a **consumer** expects **products** within a market segment to have and which valuably distinguish one product from another. The...

...and professional quality can be defined through the consumer research. These responses provide a detailed **analysis** of which features and **other** factors affect a consumer's purchase decision for a type of product. As such, the...

13/3,K/36 (Item 36 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00565054 **Image available**

SYSTEM AND METHOD FOR MATCHING USERS WITH ITEMS IN A NETWORK

SYSTEME ET METHODE PERMETTANT D'ETABLIR DES LIENS DE CORRESPONDANCE ENTRE DES UTILISATEURS ET DES PRODUITS DANS UN RESEAU

Patent Applicant/Assignee:

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KIM Stanley Hyungjung,
HUGHES Craig Rungaldier,

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KIM Stanley Hyungjung,
HUGHES Craig Rungaldier,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200028427 A1 20000518 (WO 0028427)
Application: WO 99US26783 19991110 (PCT/WO US9926783)
Priority Application: US 98107747 19981110

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 20049

International Patent Class (v7): **G06F-017/60** ...

Fulltext Availability:

Detailed Description

Detailed Description

... links to new items (e.g. other web pages); and (3) the display to the **user** of the strength of the match between the **user** and the linked **items** .

Accordingly, as shown in Figure 6, a **predicted rating** 600 may be displayed when the cursor 506 is positioned over an element 502. The **predicted 1 0 rating** 600 may be a graphical, textual, auditory, and/or **other** output of the strength of the **match** between the **user** profile and the **item** profile of the linked **item** . In this example, the **predicted rating** 600 is displayed with a pop-up visual indicator. In other embodiments, the visual indicator...

...adjacent to the element 502, the confidence in the strength of the match for the **user** with that **item** could be displayed at all times.

Typically, the confidence in the **predicted rating** between a **user** is expressed relative to best and worst matching **items** for the **user** , e.g. the items with minimum and maximum match values according to the match formula...

13/3,K/39 (Item 39 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
 (c) 2006 WIPO/Univentio. All rts. reserv.

00442671 **Image available**
IMPROVED METHOD AND APPARATUS FOR ITEM RECOMMENDATION USING AUTOMATED COLLABORATIVE FILTERING
PROCEDE ET UN DISPOSITIF AMELIORES PERMETTANT DE RECOMMANDER DES ARTICLES GRACE A UN SYSTEME AUTOMATISE DE FILTRAGE COOPERATIF
 Patent Applicant/Assignee:
 FIREFLY NETWORK INC,
 Inventor(s):
 CHISLENKO Alexander,
 LASHKARI Yezdesard Z,
 MCNULTY John E,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 9833135 A1 19980730
 Application: WO 98US1437 19980126 (PCT/WO US9801437)
 Priority Application: US 97789758 19970128
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications prior to 2004)
 AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
 KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR
 GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
 Publication Language: English
 Fulltext Word Count: 13659

Main International Patent Class (v7): **G06F-017/60**
 Fulltext Availability:
 Detailed Description

Detailed Description

... similarity factors between the user and other users of this system may be calculated. The **similarity** factor for a user may be calculated by

comparing that user's profile with the profile of every **other** user of the system. This is computationally intensive, since the order of computation for calculating...

...to reduce the computational load associated with re-calculating similarity factors in embodiments that store **item** profiles by first retrieving the profiles of the newly- **rated item** and **determining** which other users have already **rated** that **item**. The similarity factors between the newly- **rating user** and the users that have already **rated** the **item** are the only similarity factors updated. Any number of methods can be used to calculate...songs on the album, and other information. In the 15 embodiment in which the **user** selects an **item** and a **rating** is **predicted** for that **item**, the system may display the actual **rating predicted**, or a label representing the **predicted rating**. For example, instead of displaying 6.8 out of a possible 7.0 for the **predicted rating**, a system may instead display "highly recommended". Embodiments in which a confidence factor is calculated...

...display "highly recommended - very sure."
In one embodiment, items are grouped in order to help **predict** ratings and increase **recommendation** certainty. For example, in the broad domain of music, recordings may be grouped according to...

...are used to improve performance because predictions and recommendations for a particular item are made **based** only on the ratings given to **other** items within the same group. Groups may be determined **based** on information entered by the users, however it is currently preferred to generate the groups...factor is calculated only for "opera" items. Any of the methods described above for calculating **similarity** factors may be used.

The neighboring users are selected **based** on the **similarity** factors (step 106). The neighboring users are weighted, and recommendations for items are arrived at...

...in the group. The similarity factor can also be used to recommend a - 16 music **item** outside of the group, if one of the users has **rated** an **item** in another group.

Alternatively, a **user** may select a group, and a **recommendation** list will be generated based on the **predicted rating** for the **user's** neighboring users in that group.

13/TI,6/1 (Item 1 from file: 348)

DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01948499

Customer relationship management**Verwaltung von Kundenbeziehungen.****Gestion de la relation clients.**

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200535	983
SPEC A	(English)	200535	7825
Total word count - document A			8808
Total word count - document B			0
Total word count - documents A + B			8808

13/TI,6/2 (Item 2 from file: 348)

DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01228293

System and method for using noisy collaborative filtering to rank and present items**System und Verfahren zum Verwenden einer kollaborativen rauschbehafteten Filtertechnik zum Reihens und Prasentieren von Artikeln****Systeme et methode pour utiliser un filtrage collaboratif avec parasites pour classer et presenter des articles**

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200101	750
SPEC A	(English)	200101	4076
Total word count - document A			4826
Total word count - document B			0
Total word count - documents A + B			4826

13/TI,6/3 (Item 3 from file: 348)

DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

00952996

METHOD AND APPARATUS FOR COUPON MANAGEMENT AND REDEMPTION**VERFAHREN UND VORRICHTUNG ZUR GUTSCHEIN- UND RUCKZAHLUNGSVERWALTUNG****PROCEDE ET APPAREIL DE GESTION ET D'ECHANGE DE COUPONS**

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200534	2236
CLAIMS B	(German)	200534	2227
CLAIMS B	(French)	200534	2837
SPEC B	(English)	200534	19312
Total word count - document A			0
Total word count - document B			26612
Total word count - documents A + B			26612

13/TI,6/4 (Item 4 from file: 348)

DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

00809271

Method and apparatus for item recommendation using automated collaborative filtering**Verfahren und Apparat zum Empfehlen von Artikeln unter Verwendung einer automatischen kollaborativen Filterung****Procede et appareil pour recommander des articles utilisant un filtrage collaboratif automatique**

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	2096
SPEC A	(English)	EPAB97	8714
Total word count - document A			10810
Total word count - document B			0
Total word count - documents A + B			10810

13/TI,6/5 (Item 5 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01312124

METHOD AND SYSTEM TO EVALUATE ANTI-MONEY LAUNDERING RISK**PROCEDE ET SYSTEME PERMETTANT D'EVALUER UN RISQUE DE BLANCHIMENT D'ARGENT**

Publication Language: English

Filing Language: English

Fulltext Word Count: 18663

Publication Year: 2005

13/TI,6/6 (Item 6 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01309410

APPARATUS, SYSTEM AND METHOD FOR USE IN PROVIDING USER RATINGS ACCORDING TO PRIOR TRANSACTIONS**DISPOSITIF, SYSTEME ET PROCEDE UTILISES POUR FOURNIR DES EVALUATIONS RELATIVES A DES TRANSACTIONS EFFECTUEES**

Publication Language: English

Filing Language: English

Fulltext Word Count: 11448

Publication Year: 2005

13/TI,6/7 (Item 7 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01207475

SYSTEM FOR PROCESSING DATA AND METHOD THEREOF**SYSTEME DE TRAITEMENT DE DONNEES ET PROCEDE ASSOCIE**

Publication Language: English

Filing Language: English

Fulltext Word Count: 6825

Publication Year: 2005

13/TI,6/8 (Item 8 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01192772

CATALOG TAXONOMY FOR STORING PRODUCT INFORMATION AND SYSTEM AND METHOD USING SAME

**TAXONOMIE DE CATALOGUE DESTINEE AU STOCKAGE D'INFORMATIONS PRODUIT ET
SYSTEME ET PROCEDE FAISANT INTERVENIR CETTE TAXONOMIE**

Publication Language: English

Filing Language: English

Fulltext Word Count: 11639

Publication Year: 2004

13/TI,6/9 (Item 9 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01095468

STATISTICAL PERSONALIZED RECOMMENDATION SYSTEM

SYSTEME DE RECOMMANDATION STATISTIQUE PERSONNALISE

Publication Language: English

Filing Language: English

Fulltext Word Count: 11832

Publication Year: 2004

13/TI,6/10 (Item 10 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01088028

SYSTEMS AND METHODS FOR FACILITATING INTERNET SHOPPING

SYSTEMES ET PROCEDES PERMETTANT DE FACILITER LES ACHATS SUR INTERNET

Publication Language: English

Filing Language: English

Fulltext Word Count: 7146

Publication Year: 2004

13/TI,6/11 (Item 11 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01049209

A TAX REFUND SYSTEM

SYSTEME SERVANT A REMBOURSER LA TVA

Publication Language: English

Filing Language: English

Fulltext Word Count: 11883

Publication Year: 2003

13/TI,6/12 (Item 12 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01002235

CUSTOMER RELATIONSHIP MANAGEMENT

GESTION DES RELATIONS CLIENTS

Publication Language: English

Filing Language: English

Fulltext Word Count: 9470

Publication Year: 2003

13/TI,6/13 (Item 13 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00963611

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET
POUR SERVICES DE LOCATION DE VEHICULES**

Publication Language: English

Filing Language: English

Fulltext Word Count: 237932

Publication Year: 2002

13/TI,6/14 (Item 14 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00945753

CUSTOMER PREFERENCE SYSTEM

SYSTEME DE PREFERENCE DE CLIENTS

Publication Language: English

Filing Language: English

Fulltext Word Count: 13721

Publication Year: 2002

13/TI,6/15 (Item 15 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00943630

NEGOTIATING PLATFORM

PLATE-FORME DE NEGOCIATION

Publication Language: English

Filing Language: English

Fulltext Word Count: 91315

Publication Year: 2002

13/TI,6/16 (Item 16 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00939231

LIFE INSURANCE PRODUCTS UNDER A SINGLE APPROVED FORM

PRODUITS D'ASSURANCE-VIE SOUS FORME REGLEMENTAIRE UNIQUE

Publication Language: English

Filing Language: English

Fulltext Word Count: 118771

Publication Year: 2002

13/TI,6/17 (Item 17 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00928429

SYSTEM AND METHOD FOR MATCHING CONSUMERS WITH PRODUCTS

SYSTEME ET PROCEDE POUR APPARIER LES CONSOMMATEURS AUX PRODUITS

Publication Language: English

Filing Language: English

Fulltext Word Count: 19089

Publication Year: 2002

13/TI,6/18 (Item 18 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00900313

INTELLIGENT PERFORMANCE-BASED PRODUCT RECOMMENDATION SYSTEM
SYSTEME DE RECOMMANDATION DE PRODUIT BASE SUR UNE PERFORMANCE INTELLIGENTE
Publication Language: English
Filing Language: English
Fulltext Word Count: 23635
Publication Year: 2002

13/TI,6/19 (Item 19 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00898514

AUDIO SYSTEM WITH VARIABLE RANDOM-PLAY OPTION
SYSTEME AUDIO A OPTION DE LECTURE ALEATOIRE VARIABLE
Publication Language: English
Filing Language: English
Fulltext Word Count: 2220
Publication Year: 2002

13/TI,6/20 (Item 20 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00874922

DISTRIBUTION OF DIGITAL CONTENT
DISTRIBUTION DE CONTENU NUMERIQUE
Publication Language: English
Filing Language: English
Fulltext Word Count: 7681
Publication Year: 2002

13/TI,6/21 (Item 21 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00871024

DATA PROCESSING SYSTEM
SYSTEME DE TRAITEMENT DE DONNEES
Publication Language: English
Filing Language: English
Fulltext Word Count: 13698
Publication Year: 2002

13/TI,6/22 (Item 22 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00867316

SYSTEM AND METHOD FOR PROVIDING PERSONALIZED RECOMMENDATIONS
SYSTEME ET PROCEDE DESTINES A FOURNIR DES RECOMMANDATIONS PERSONNALISEES
Publication Language: English
Filing Language: English
Fulltext Word Count: 4581
Publication Year: 2002

13/TI,6/23 (Item 23 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00819425

**INTERACTIVE PRODUCT SELECTION SYSTEM
SYSTEME DE SELECTION DE PRODUITS INTERACTIF**

Publication Language: English
Filing Language: English
Fulltext Word Count: 14210
Publication Year: 2001

13/TI,6/24 (Item 24 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00816832

**SYSTEM AND METHOD FOR FORMING AND PERFORMING MULTIPLE PURCHASE INSTALLMENT
CONTRACTS
SYSTEME ET PROCEDE POUR ETABLIR ET REALISER PLUSIEURS CONTRATS D'ACHATS A
TEMPERAMENT**

Publication Language: English
Filing Language: English
Fulltext Word Count: 10332
Publication Year: 2001

13/TI,6/25 (Item 25 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00807435

**EXPERTISE-WEIGHTED GROUP EVALUATION OF USER CONTENT QUALITY OVER COMPUTER
NETWORK
EVALUATION DE GROUPE PONDEREE PAR L'EXPERIENCE DE QUALITE DE CONTENU
UTILISATEUR SUR UN RESEAU INFORMATIQUE**

Publication Language: English
Filing Language: English
Fulltext Word Count: 24001
Publication Year: 2001

13/TI,6/26 (Item 26 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00806392

**TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTE, ET
PROCEDE ASSOCIE**

Publication Language: English
Filing Language: English
Fulltext Word Count: 156214
Publication Year: 2001

13/TI,6/27 (Item 27 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND
METHOD THEREOF
GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT**

DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

Publication Language: English
Filing Language: English
Fulltext Word Count: 171499
Publication Year: 2001

13/TI,6/28 (Item 28 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00806383

**COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING
DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
AND METHOD THEREOF**

**PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES
STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN
ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET
PROCEDE ASSOCIE**

Publication Language: English
Filing Language: English
Fulltext Word Count: 157840
Publication Year: 2001

13/TI,6/29 (Item 29 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00806382

**METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A
MARKET SPACE INTERFACE**

**PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ**

Publication Language: English
Filing Language: English
Fulltext Word Count: 170977
Publication Year: 2001

13/TI,6/30 (Item 30 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00799840

SEGMENT-BASED SELF-LEARNING METHOD AND SYSTEM

PROCEDE ET SYSTEME D'AUTO-APPRENTISSAGE SE BASANT SUR DES SEGMENTS

Publication Language: English
Filing Language: English
Fulltext Word Count: 17016
Publication Year: 2001

13/TI,6/31 (Item 31 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00790545

OPTIMIZED RULE BASED CONSTRAINTS FOR COLLABORATIVE FILTERING SYSTEMS

**OPTIMISATION DES CONTRAINTES A BASE DE REGLES POUR SYSTEMES FILTRANTS
COLLABORANTS**

Publication Language: English

Filing Language: English
Fulltext Word Count: 4917
Publication Year: 2001

13/TI,6/32 (Item 32 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00787037

**METHOD AND SYSTEM FOR NETWORK-BASED DECISION PROCESSING AND FOR MATCHING
REQUESTS FOR PROPOSALS TO RESPONSES
PROCEDE ET SYSTEME POUR LE TRAITEMENT DE DECISIONS SUR UN RESEAU ET POUR
L'ADAPTATION DES DEMANDES DE PROPOSITIONS AUX RESULTATS**

Publication Language: English
Filing Language: English
Fulltext Word Count: 28450
Publication Year: 2001

13/TI,6/33 (Item 33 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00783297

**METHOD AND APPARATUS FOR NETWORK-BASED AUTOMATED INSURANCE TRANSACTION
PROCESSING
PROCEDE ET APPAREIL DE TRAITEMENT AUTOMATISE DE TRANSACTIONS D'ASSURANCE A
PARTIR D'UN RESEAU**

Publication Language: English
Filing Language: English
Fulltext Word Count: 7710
Publication Year: 2001

13/TI,6/34 (Item 34 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00777996

**METHODS FOR PRESENTING ALTERNATIVE PRODUCTS FOR COMPARISON
PROCEDES DE PRESENTATION DE PRODUITS DE REMPLACEMENT POUR COMPARAISON**

Publication Language: English
Filing Language: English
Fulltext Word Count: 6712
Publication Year: 2001

13/TI,6/35 (Item 35 from file: 349)
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00761424

**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF
COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES
DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE**

Publication Language: English
Filing Language: English
Fulltext Word Count: 149456
Publication Year: 2000

13/TI,6/36 (Item 36 from file: 349)

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00565054

**SYSTEM AND METHOD FOR MATCHING USERS WITH ITEMS IN A NETWORK
SYSTEME ET METHODE PERMETTANT D'ETABLIR DES LIENS DE CORRESPONDANCE ENTRE
DES UTILISATEURS ET DES PRODUITS DANS UN RESEAU**

Publication Language: English

Fulltext Word Count: 20049

Publication Year: 2000

13/TI,6/37 (Item 37 from file: 349)

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00541101

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR MAKING HIGH USER VALUE
RECOMMENDATIONS**

**SYSTEME, PROCEDE ET ARTICLES DE FABRICATION POUR FAIRE DES RECOMMANDATIONS
DE GRANDE VALEUR A UN UTILISATEUR**

Publication Language: English

Fulltext Word Count: 15253

Publication Year: 2000

13/TI,6/38 (Item 38 from file: 349)

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00541091

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR INCREASING THE USER VALUE OF
RECOMMENDATIONS**

**SYSTEME, PROCEDE ET ARTICLE POUR AMELIORER LA VALEUR DES RECOMMANDATIONS
AUX UTILISATEURS**

Publication Language: English

Fulltext Word Count: 14991

Publication Year: 2000

13/TI,6/39 (Item 39 from file: 349)

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00442671

**IMPROVED METHOD AND APPARATUS FOR ITEM RECOMMENDATION USING AUTOMATED
COLLABORATIVE FILTERING**

**PROCEDE ET UN DISPOSITIF AMELIORES PERMETTANT DE RECOMMANDER DES ARTICLES
GRACE A UN SYSTEME AUTOMATISE DE FILTRAGE COOPERATIF**

Publication Language: English

Fulltext Word Count: 13659

Publication Year: 1998

13/TI,6/40 (Item 40 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00362212

**METHOD AND APPARATUS FOR ITEM RECOMMENDATION USING AUTOMATED COLLABORATIVE
FILTERING**

**PORCEDE ET APPAREIL POUR RECOMMANDER DES ARTICLES A L'AIDE D'UN FILTRAGE
AUTOMATIQUE DE COLLABORATION**

Publication Language: English

Fulltext Word Count: 13418

EIC 3600

Dialog Search

Publication Year: 1997

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Databases selected: Multiple databases...



NetFlix unveils new movie-matching system

Wendy Wilson. **Video Business**. Radnor: Feb 7, 2000. Vol. 20, Iss. 6; pg. 25

Author(s): Wendy Wilson

Publication title: Video Business. Radnor: Feb 7, 2000. Vol. 20, Iss. 6; pg. 25

Source type: Periodical

ProQuest document ID: 49360439

Text Word Count 199

Document URL: <http://proquest.umi.com/pqdweb?did=49360439&sid=2&Fmt=3&clientId=19649&RQT=309&VName=PQD>

Full Text (199 words)

Copyright ABC Media, Inc. Feb 7, 2000

Online DVD rental specialist NetFlix launched its new movie-recommendation system, CineMatch, late last month.

"It's the only movie-recommendation system that matches [your tastes] with other people who have similar movie tastes," Reed Hastings, NetFlix CEO, said. "The old model for recommendations was, 'If I liked movie A, then I'll like movie B.' A better model is to say, 'Is there someone who has the same movie tastes as me, and, if so, what have they seen and loved that I haven't seen."

NetFlix visitors interested in using CineMatch are asked to rate at least 20 films using a fivestar scale. CineMatch will then make recommendations on other films by comparing the user's tastes with those of other CineMatch users. Since NetFlix recognizes unique users when they click on the home page, CineMatch recommendations can appear throughout the site as the registered user browses the rental selections.

Another feature of the CineMatch recommendation program is Movies for Two, which allows two CineMatch users to combine their preferences to get a movie recommendation for a title both would enjoy.

Hastings said NetFlix plans to share the information culled from CineMatch with suppliers to facilitate the development of marketing plans for new titles.

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Databases selected: Multiple databases...

Netflix: DVDs at Your Door ; How a movie rental site became a smash hit.*Alan Cohen. PC Magazine. New York: Mar 11, 2003. Vol. 22, Iss. 4; pg. 78*

Subjects: DVD, Electronic commerce
Companies: NetFlix Corp (NAICS: 451220, 532230, Sic:7822, 7379)
Author(s): Alan Cohen
Document types: Feature
Section: *Internet Business*
Publication title: PC Magazine. New York: Mar 11, 2003. Vol. 22, Iss. 4; pg. 78
Source type: Periodical
ProQuest document ID: 289674791
Text Word Count 724
Document URL: <http://proquest.umi.com/pqdweb?did=289674791&sid=3&Fmt=3&clientId=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

Netflix started out five years ago with a hokey and arguably harebrained business model: For a monthly fee, subscribers could rent all the DVDs they could watch, with no time limits or late fees. Netflix would then send the discs via mail, but here's the catch: Subscribers could rent only a certain number at any given time. The customers who pay \$19.95 per month could keep three; those paying \$39.95 got eight. As the DVD market boomed, so did Netflix.

Full Text (724 words)

Copyright 2002 Ziff Davis Media Inc. All Rights Reserved. Originally appearing in PC Magazine.

Even if you haven't left your house in a year, you know all about the success of DVD. (Indeed, you know about it especially if you haven't left your house in a year.) The silvery disc is a big star, enriching studios, filmmakers, and the lives of Lord of the Rings fans everywhere. You may not know that the same disc has enriched a Silicon Valley dot-com, too.

Netflix started out five years ago with a hokey and arguably harebrained business model: For a monthly fee, subscribers could rent all the DVDs they could watch, with no time limits or late fees. Netflix would then send the discs via mail, but here's the catch: Subscribers could rent only a certain number at any given time. The customers who pay \$19.95 per month could keep three; those paying \$39.95 got eight. As the DVD market boomed, so did Netflix. Currently, Netflix is a publicly traded company with 742,000 subscribers. And video titans like Blockbuster and Wal-Mart have launched their own online rivals.

At face value, Netflix's business doesn't seem to require cutting-edge technical know-how. All the company needs to do is stick discs in mailers and get those mailers to customers. But keeping customers happy does in fact require some heavyweight technology. Netflix has sped up mailing times by building a network of 15 distribution centers across the country. The goal is to build enough centers so that most Netflix subscribers receive their movies within a day of shipping. The centers also give Netflix a competitive advantage over Wal-Mart and Blockbuster, each of which sends out discs from only one warehouse.

A far-flung distribution system, however, requires sophisticated software to track inventory. So Netflix has developed a system that lets the distribution centers communicate and determine the fastest way to get discs into customers' hands. For example, an order placed by a customer in Manhattan will be assigned to the distribution center in nearby Flushing, New York. If the DVD is not available, the system will poll the next-closest distribution center, in Stamford, Connecticut. If that center doesn't have it, the system contacts the next closest, and so on until the DVD is located (even if that means sending it from Netflix's main library in San Jose, California). If the disc is not found, the system will look for the customer's second choice back in Flushing. No matter where the disc is sent from, the system knows to print a return

label to the Flushing facility to minimize return-mail times.

Efficient distribution, however, is just half the challenge. Netflix CEO Reed Hastings says that keeping customers renting is equally important: "If they rent just two movies a month, they may decide it's not worth it." The average customer rents five films a month, and Hastings has put a lot of technology into maintaining that figure. By clicking on dynamic merchandising pages customers see only titles that they have not rented and that Netflix has in stock.

The company has also developed CineMatch, an Oracle database that organizes the Netflix library into clusters of similar movies and then analyzes how customers have rated them. Those who have given similar ratings to the same movies in a cluster are then matched as like-minded viewers. CineMatch looks at the clusters you've rented from in the past, determines which titles you have yet to rent, and recommends only those films that have been highly rated by matched viewers. "Over 50 percent of our traffic comes via the recommendations system," says Hastings. "It requires a lot of database work done in real time."

CineMatch runs on two Sun 420 systems and can generate thousands of predictions each second. The database of more than 200 million user ratings for more than 15,000 films is stored on a third system. "The key is the quality of the data we use," says Neil Hunt, Netflix's vice president of e-commerce. "The more data we collect about user preferences, the better the recommendations."

At peak times, Netflix has upwards of 10,000 simultaneous visitors, and each one views from 10 to 20 customized pages. All of this can run on as few as four dual-CPU Linux servers. As the DVD market continues its staggering growth, Netflix expects to attract millions. Judging from the number of competitors lining up, Netflix is not alone in its optimism.

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Databases selected: Multiple databases...

If you liked this DVD, you might also like...

Holly J Wagner. **Video Store Magazine**. Duluth: Jul 20-Jul 26, 2003. Vol. 25, Iss. 30; pg. 1

Subjects: Electronic commerce, Retailing industry, Marketing, Video recordings, DVD

Author(s): Holly J Wagner

Document types: News

Publication title: Video Store Magazine. Duluth: Jul 20-Jul 26, 2003. Vol. 25, Iss. 30; pg. 1

Source type: Periodical

ProQuest document ID: 377332401

Text Word Count 690

Document URL: <http://proquest.umi.com/pqdweb?did=377332401&Fmt=4&clientId=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

"Our customers are focused on 'Give me the great Wal-Mart deal online,' " said Matt Seveck, Walmart. com's DVD rental manager. "When we've talked to the Wal-Mart customer, their level of comfort with online recommendation engines is low."

Full Text (690 words)

Copyright Advanstar Communications, Inc. Jul 20-Jul 26, 2003

[Headnote]

Recommendations Power Online DVD Sales and Rentals, But Strategies Vary

Retailers employ a variety of strategies for building customer loyalty in the new realm of online DVD sales and rentals.

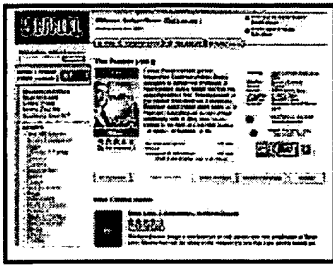
Strategists at relative newcomer Walmart.com and No. 1 online rentailer Netflix both say customers come to them looking for value and a broad range of titles often titles outside the mainstream - but the retailers take different approaches to service.

Netflix - which was the first to bring the concept to market and has the largest base of subscribers, with more than 1 million - puts a lot of emphasis on service and its Cinematch recommendation engine.

"There are three main ways that the engine drives rental," said Neil Hunt, VP of product development at Netflix: One, the customer asks for a recommendation; two, Netflix presents the information in a different format to appeal to a specific customer; and, three, Netflix directs the customer to movies that customers with similar tastes liked. The Cinematch engine, which is updated monthly, is a key element of the Netflix experience and one that executives credit, in part, for the site's success.

"I believe somewhere in the vicinity of 40 percent to 50 percent of the movies that people rent from the site are in some sense mediated by data coming from the recommendation system," Hunt said. "It's based on collecting ratings from members on movies that they have watched with Netflix or elsewhere. If you imagine a giant matrix where the rows are the customers and the columns are the movies, you put numbers in the cells representing each customer's rating for the movie. If I am trying to predict a blank cell for a particular customer for a particular movie, I'm going to match that against customers with similar ratings patterns."

[Enlarge 200%](#)
[Enlarge 400%](#)



[Photograph]

The site was due to get a new feature this week explaining how Netflix generates the ratings, Hunt said.

Walmart.com uses only a search engine, not a recommendation system, to generate suggestions.

"When you select a particular movie, there are two to three other movies that are identified as being similar," Sevick said, adding that the site, like its competitors, uses a proprietary algorithm. "It is subjective and is applied more at the category [genre] level than by title."

The site focuses more on price, selection and convenience than suggestions.

"Our customers are focused on 'Give me the great Wal-Mart deal online,' " said Matt Sevick, Walmart.com's DVD rental manager. "When we've talked to the Wal-Mart customer, their level of comfort with online recommendation engines is low."

As with Netflix customers, though, Walmart.com renters are more interested in finding obscure titles than brick-and-mortar renters. "Our customers are pushing more for what's beyond their local video stores," Sevick said. "The demand is generally fueled by word-of-mouth from friends who saw a film at an art house, or smaller releases, or a published review. Then there are some that are just harder to get. Imax movies have been very popular among our customer base."

Sellthrough e-tailer Amazon.com splits the difference, with a recommendation engine that offers suggestions and competitive pricing.

"You can tell from the very prominent placement that the personalization features are very important to our Web site," said Matt Round, director of personalization for Amazon's Web properties worldwide. "Home page recommendations will not be locked into any category. It's like the corner store, where you come in and the clerk recognizes you and says, 'I have a new book for you.' "

Round would not disclose the mechanics of the engine, but said it uses a customer's purchase history and some unique algorithms.

"We think we have a very strong offering in general. We offer pretty unusual and interesting titles, in part because of the breadth of our catalog," Round said. "We're not limited to talking about top sellers. We can recommend fly-fishing DVDs for specific rivers in Tennessee."

Sevick and Round would not discuss user counts, churn rates or conversion rates based on recommendations. Round did note that recommendations within the DVD store are confined to DVD, but recommendations from the home page may cross product categories.

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- Drama
- Fantasy
- Gay & Lesbian
- Horror
- Independent
- Musical & Comedy
- Mystery
- Sci-Fi & Fantasy
- Special Interest
- Sports
- Television
- Thriller

The Pianist (2002)

Famous Polish concert pianist Wladyslaw Szpanski (Adrien Brody) struggles to survive the onslaught of Nazi tyranny during World War II in this autobiographical film. Already lauded at the time for his talents as a musician, Szpanski spent those years holed up in Warsaw, subsisting on scraps of food and barely able to stay alive. Grace comes in the form of a second chance - at music, at freedom, at life.

Rating: **R** For violence and brief strong language
 Watch Preview: [Click Here](#)

We think you'll give it: **4.2 stars** (42%)
 Average of 27,895 ratings: **4.2 stars**
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Other Classical movies:

Swan Lake: The Royal Ballet - Matthew Bourne
 ★★★★★
 Not Interested

Matthew Bourne brings a new twist to an old classic with this production of Swan Lake. Bourne has set his story in the modern era and has cast all the swans as

Databases selected: Multiple databases...

The New York Times

Living Room Film Club, A Click Away

William Grimes. *New York Times*. (Late Edition (East Coast)). New York, N.Y.: Mar 19, 2004. pg. E.1:1

Subjects: DVD, Rental services, Electronic commerce, Motion pictures

Companies: NetFlix Corp (NAICS: 451220, 532230, Sic:7822, 7379)

Author(s): William Grimes

Document types: Commentary

Column Name: *Just Browsing*

Section: E

Publication title: *New York Times*. (Late Edition (East Coast)). New York, N.Y.: Mar 19, 2004. pg. E.1:1

Source type: Newspaper

ProQuest document ID: 581915221

Text Word Count 1639

Document URL: <http://proquest.umi.com/pqdweb?did=581915221&sid=-1&Fmt=3&clientId=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

There are two other weaknesses in the Netflix system, one unavoidable, the other understandable. First, the company does not rent videocassettes, so its library does not include thousands of films, some of them obscure, but many of them recognized classics. Anyone hoping to binge on Barbara Stanwyck will have to do without "Ball of Fire." Preston Sturges fans will look in vain for "Easy Living." Even within the more limited universe of DVD, Netflix is not totally comprehensive. Its mainstream orientation has left an opening for GreenCine (pronounced GreenScene), an online rental company that specializes in art-house films, documentaries, Japanese anime and cult films. It does not have multiple distribution centers, but it does have "Cane Toads," an Australian documentary about, not surprisingly, cane toads. I scanned the first 20 titles listed under "film noir" and found six films not offered by Netflix.

Wal-Mart, which entered the online DVD rental business last June, undercuts Netflix with a three-movie plan priced at \$18.76 per month. Its library of about 12,000 titles passed the [Dario Argento] test with flying colors. Wal-Mart has 10 of his films, compared with five on Netflix. GreenCine, despite its alternative profile, offers only two Argento films, although it has two documentaries about the director.

Netflix, too, has its niche side. An innovative program called Netflix First makes a small number of independent films available exclusively to Netflix subscribers for a limited period. The program, which started with "Croupier," has grown to include about 20 films.

Full Text (1639 words)

Copyright New York Times Company Mar 19, 2004

It so happens that I have a perfectly valid excuse for watching "Hercules in the Haunted World." The film, made in 1961, offered brief employment to a slab of beefcake named Reg Park, the British Steve Reeves, and at first glance it would seem to be a two-ton wheel of cheese. But somehow a genuine artist became attached to the project, a director named Mario Bava.

And who is Mario Bava? Why, the seminal influence on Dario Argento, the cult Italian horroremeister. One by one, his stylized, incredibly violent films found their way into my home in a blood-soaked festival organized by my wife, an Argento fan who cannot bring herself to watch the leisurely stabbing scenes that take up about half of every movie. We

made our way through "Inferno," "Deep Red," "Suspiria" and "Tenebre." Then it was on to Bava.

Thank you, Netflix.

Netflix, founded in 1998, is an online movie-rental company that could be described as the anti-Blockbuster. It deals only in DVD's, and customers pay a flat monthly fee of \$19.95 to rent an unlimited number of films with no late fees. The sole restriction is that subscribers may keep only three movies out at a time. (The company also offers more expensive five-film and eight-film plans.)

As each movie is returned in its self-addressed, prepaid envelope, Netflix sends out the next film on a list that the subscriber maintains online. Since the company has 23 regional distribution centers, most movies arrive the day after they are sent out. In theory a fanatic customer watching three films a day could go through several hundred DVD's each year, whittling down the per-film rental cost to a dollar or less. In practice the average user watches about six movies a month.

I became one of Netflix's nearly 1.8 million users several months ago, and I have never looked back. Overnight, life became much simpler. No longer did I have to make a mad dash to the video store, either to rent a film or to return it by the noon deadline. Late fees vanished and so did the check-out line. I cursed the endless hours spent prowling the aisles in search of misfiled films, or something -- anything -- to watch. Anything that is, except the dead-enders artfully arranged in the section labeled "staff favorites," a euphemism for "films that no one will rent, ever." Best of all, I succumbed to the pure pleasure of browsing endlessly through thousands of movies, making my selections with a click of the mouse and then seeing them slip through my mail slot, in their bright-red envelopes, just a few days later.

Netflix not only changed my routine, it also turned me into a different kind of movie watcher. Culturally, I am no longer the same person.

The flat-fee system elicits two responses: more frequent renting, and more adventurous renting. To justify the cost, you watch more films. But since four films per month averages out to the cost of four films at Blockbuster, every subsequent movie is, in a delusory sense, free, and therefore there is no risk. Why not roll the dice and order, say, "Russian Ark," a bizarre Russian film, part audioguide and part costume drama, that pulls the viewer through the Hermitage Museum in a single, extended camera shot, skipping from century to century. It's even more unwatchable than it sounds. But so what? I dropped it in the mailbox knowing that "Naked City" and "Adaptation" were on their way.

So far I have not been sent any damaged discs, and only one has gone astray after being mailed back. I filed a "missing in action" report on the Netflix Web site, and a day later, it either turned up, or Netflix wrote it off. In any case, it was no longer listed as being out.

A Few Catches

There are a few snakes in this cinematic paradise. For one thing, Netflix cannot accommodate the moviegoer who needs instant gratification. If you simply have to see "Scarface" tonight, then only the video store can help you. Cable systems offer movies on demand, but the pickings tend to be slim. My metabolism doesn't work that way. Browsing through a vast library and clicking as the mood strikes feels plenty spontaneous to me. You see it, you want it, you add it to your queue right then and there.

There are two other weaknesses in the Netflix system, one unavoidable, the other understandable. First, the company does not rent videocassettes, so its library does not include thousands of films, some of them obscure, but many of them recognized classics. Anyone hoping to binge on Barbara Stanwyck will have to do without "Ball of Fire." Preston Sturges fans will look in vain for "Easy Living." Even within the more limited universe of DVD, Netflix is not totally comprehensive. Its mainstream orientation has left an opening for GreenCine (pronounced GreenScene), an online rental company that specializes in art-house films, documentaries, Japanese anime and cult films. It does not have multiple distribution centers, but it does have "Cane Toads," an Australian documentary about, not surprisingly, cane toads. I scanned the first 20 titles listed under "film noir" and found six films not offered by Netflix.

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Netflix, too, has its niche side. An innovative program called Netflix First makes a small number of independent films available exclusively to Netflix subscribers for a limited period. The program, which started with "Croupier," has grown to include about 20 films.

Netflix executives say their edge over the competition is not their library but the way the library is presented to users, who are asked to rate the films they have seen. By sifting through the ratings, about 400 million of them at present, and analyzing buying patterns, a company program called CineMatch generates rental suggestions specific to each user.

Polishing the Profile

" 'Lost in Translation' will outperform most \$300 million films for us, and that's because of our ratings and recommendations," said Ted Sarandos, the chief content officer for Netflix. " 'Monster' will be huge for us, and that's not because our subscribers are more sophisticated than the general moviegoing public, but because our merchandising system is much more specific."

My experience of CineMatch makes me an agnostic. Right now my account page tells me that, based on my rentals and ratings, I might like to rent "Aguirre, Wrath of God," "Stagecoach" or "The Vicar of Dibley." I see the logic, and it is primitive. The "Stagecoach" recommendation reflects my rental of John Ford's "Searchers," just about the only western I've seen in my adult life, unless you count "Blazing Saddles." CineMatch got lucky here. I found "The Searchers" riveting, and I put Howard Hawks's "Red River" on my queue. "Stagecoach" is indeed a viable candidate. "The Vicar of Dibley," a gentle and not very funny British comedy series, shows up because I rented two other British series, "Full Bottom" and "Thick as Thieves," both of them a lot less funny even than "The Vicar of Dibley." Three wrongs do not make a right.

In theory, as I generate more ratings, CineMatch will develop a more complex taste profile for me, but I'm doubtful. I think it will just get confused.

I don't blame it. At the moment, a domestic battle rages for control of the Netflix queue, which can be revised and reshuffled at any time. It is disputed territory. My wife likes very fat films or very slow films. It's either nonstop action, with a lot of gunplay, or painstaking, exquisitely nuanced psychological dramas, like the interminable "I Capture the Castle," a British film about an eccentric family living in Wales in the 1930's. My weakness is for pretentious foreign films. At the moment, I feel a creeping urge to rent "Andrei Rublev," a three-hour film about a medieval Russian icon painter.

Frost Warning

We each judge the other's selections harshly. I scored a major victory with "Mon Oncle" by Jacques Tati, a director I once dismissed as tedious, annoying and far too French. He is now a god in our house. But I have had my back against the wall after "L'Atalante," a film I had never seen but knew to be, by expert consensus, a towering masterpiece. Less than 10 minutes after the opening credits rolled, the atmosphere in the living room grew frosty. I lost control of the mouse for a week. At least I had the foresight to sneak off and watch "Russian Ark" on my own.

That's the fun of Netflix. Along with savage recriminations, my home now resonates with high-toned animated discussion of directors, cinematographers and camera angles. Once again I'm the moviegoer I was in college, when Bergman, Fellini and Truffaut were in full stride, and adventure was in the air, and bright-eyed cineastes could sit through a film like "El Topo" and not demand their money back. It's not available on Netflix, alas, but the Web site does propose an alternative, a compilation of "Ed Sullivan" shows featuring Topo Gigio. Close enough.

For a Flicks FixThe online movie companies in the Just Browsing column:

Netflix

WEB ADDRESS: www.netflix.comTHREE-MOVIE PLAN: \$19.95 per month.
FIVE-MOVIE PLAN: \$29.95.
EIGHT-MOVIE PLAN: \$39.95.

Wal-Mart

WEB ADDRESS: www.walmart.com TWO-MOVIE PLAN: \$15.54 per month.
THREE-MOVIE PLAN: \$18.76.
FOUR-MOVIE PLAN: \$21.94.

GreenCine

WEB ADDRESS: www.greencine.com TWO-MOVIE PLAN: \$14.95 per month.
THREE-MOVIE PLAN: \$19.95.
FOUR-MOVIE PLAN: \$24.95.
FIVE-MOVIE PLAN: \$29.95.
EIGHT-MOVIE PLAN: \$39.95.
TEN-MOVIE PLAN: \$49.95.

[Illustration]

Drawings (Drawings by Etienne Delessert)(pgs. E1,E26)

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Databases selected: Multiple databases...

ZIFF DAVIS MEDIA

CIO INSIGHT

Best Practices for IT Business Leaders

We Try Harder; At Netflix the technology is the operations. But can that business model handle its rapid growth?

Larry Stevens. CIO Insight. New York: Nov 2005. Vol. 1, Iss. 59; pg. 1

Author(s): Larry Stevens

Section: *Growing Pains*

Publication title: CIO Insight. New York: Nov 2005. Vol. 1, Iss. 59; pg. 1

Source type: Periodical

ProQuest document ID: 915670091

Text Word Count: 1450

Document URL: <http://proquest.umi.com/pqdweb?did=915670091&sid=-1&Fmt=3&clientId=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

While price is important, customers primarily come to Netflix to take advantage of its huge library. Netflix claims to have 50,000 titles; Blockbuster claims 40,000; neighborhood rental stores generally stock about 2,000. At first blush the battle of the libraries would seem to be one that's fought with cold cash: Whoever buys the most titles wins. But without IT-business alignment, Netflix's library size might give it bragging rights, while offering customers very little.

Full Text (1450 words)

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Technology is the primary driving force" for just about everything Netflix does, says Tom Dillon, who serves as the company's COO as well as its CIO. "There's no daylight between technology and business in our company; they're basically one and the same. Whenever I look at operational challenges, I always consider how technology can meet them."

Dillon's dual role demonstrates the strength of the collaboration between IT and business at the online DVD rental company, based in Los Gatos, Calif. In fact, the connection goes further down the chain of command. The chief product officer, for instance, also has a major role in Web site development.

Dillon, who has experience in both operations and technology, started at the company as the COO and took on the CIO job when the person filling that slot left. "There are major benefits to having both roles, since we try to solve most operational challenges with technology," he says.

Given the company's rapid growth, and its strategy to ensure that it continues to grow, Netflix needs tight alignment between IT and corporate strategy. While it is still a small company, its growth since its launch in 1998 has been dramatic. From 2002 to 2004, the company's subscriber base jumped from 850,000 to 2.6 million, and it's projected to reach 4 million by the end of this year. During the same period, its net income leaped from a \$21 million loss on revenues of \$153 million in 2002 to a \$22 million gain last year on \$506 million in revenue.

Further growth will depend on several factors: maintaining its informative and user-friendly Web site, building its already competition-beating DVD library, and maintaining quick DVD turnaround times. Meanwhile, fending off competitors like Wal-Mart Stores Inc. and Blockbuster Inc., whose August 2004 entrance into the market softened Netflix's bottom line last year, requires keeping prices and costs low.

Take the challenge of fast turnarounds - how long it takes from the time consumers return a disk to the time they

receive the next one. This is an essential metric if Netflix is to be able to lure people out of their favorite bricks-and-mortar video rental store, where immediacy is the primary benefit. So Netflix tries to send out the next video within a day of receiving the last one. Part of the solution is decidedly unaligned: The company simply bought up real estate and created 35 service centers nationwide. But the geographic strategy had to be aligned with IT-developed processes to speed the flow of DVDs as they enter and leave the centers.

Because the proprietary automation process is strategic to Netflix, it's a trade secret. But in general, when a disk comes in, it is first checked to make sure the right disk is in the right sleeve, and the serial number is scanned. Then Netflix's proprietary software considers the total inventory of the title, the items on customers' wish lists of movies they want to see, and other factors. Then it either gets sent out again, placed in inventory or retired. Netflix says that it is able to check in a DVD and send out a new one within one day more than 90 percent of the time. And Dillon expects the systems to be able to scale up, although he admits that unexpected bottlenecks have plagued the company. "Bottlenecks are not something we can predict. We have to deal with them as they come up on a case-by-case basis," he says.

As to pricing and library size, such issues can be attacked with brute force, meeting the first challenge by cutting profits to the bone and the second by buying up DVDs willy-nilly. But Netflix augments those strategies with technological finesse - allowing the company to withstand a price war with Blockbuster, which has much greater resources for such a battle, and forcing Wal-Mart to give up its online rental efforts and turn over its insignificant subscriber list to Netflix in May.

When Blockbuster entered the market last year, it aggressively priced its most popular subscription \$7 below Netflix's, forcing Netflix to drop from \$21.99 per month to \$17.99. Blockbuster's size may allow it to withstand large losses for a time, but Netflix had to be more cautious. To sustain lower prices, Netflix would have to reduce costs. And that's where technology comes in. "Our theory is that by applying technology, everything can be made more efficient," says Dillon.

Netflix, for example, is flooded with 100,000 new disks a day. When the company first started up, the receiving clerk would pick up a box from the pallet, find the paperwork, and match the box with the purchase order. Now the receiver just slaps a label and bar code on the box, and the system automatically matches the code with the purchase order. Through such tactics, Dillon says he has been able to reduce labor costs related to receiving by 50 percent - and he's aiming for 75 percent.

The price war was a factor in Netflix's smaller projected income this year of less than \$11.9 million, but the company is doing better than Blockbuster, which showed a net loss of \$57.2 million for the second quarter of 2005. In fact, Blockbuster recently hoisted the white flag, raising its subscription price in August to parity with Netflix.

While price is important, customers primarily come to Netflix to take advantage of its huge library. Netflix claims to have 50,000 titles; Blockbuster claims 40,000; neighborhood rental stores generally stock about 2,000. At first blush the battle of the libraries would seem to be one that's fought with cold cash: Whoever buys the most titles wins. But without IT-business alignment, Netflix's library size might give it bragging rights, while offering customers very little. "It doesn't matter very much to customers how many movies we have if most people only rent the top 100," says Neil Hunt, chief product officer at Netflix.

So the Web site is being continually tweaked to "generate traffic to more movies that otherwise may have languished in our library," says Hunt. Besides displaying Amazon-like recommendations when subscribers enter the site, Netflix recently introduced a wizard that lets users rate movies and then receive recommendations based on those ratings. Since its introduction, the average queue length for new customers has grown from 4 to 8 titles, Hunt says, while the number of new releases rented by members has dropped to around 40 percent.

So far, Netflix is the clear winner in a market of two. Like Amazon.com Inc., Netflix enjoys a strong online reputation and a very technology-friendly culture. As Wal-Mart and Blockbuster learned, name recognition offline doesn't necessarily translate into online success. And the technology needed to support stores is far different from that needed online. "Netflix is far more established in people's minds with this service, and it knows how to use technology to fend off much of what the big offline names are throwing at it," says Dennis McAlpine, a securities analyst with McAlpine & Associates.

Still, Netflix has a hard road to travel. McAlpine points out that Blockbuster has done a poor job of combining its on- and offline operations so far. But if it can figure out how to offer in-store and online rentals for the same price - a service which would probably require new technology - it could become a formidable competitor. An even more serious attack

may come from Amazon, which is rumored to be considering a foray into this market. "Amazon has a lot of click-throughs. If they can divert some of them to an online DVD rental business, Netflix will have a fight on its hands," McAlpine says.

And no one knows what role new technologies, primarily downloadable movies, will play. Netflix is trying to stay ahead of the game. This year, it invested up to 2 percent of revenue developing a video-on-demand service that will offer movies downloaded onto a personal video recorder sold by TiVo Inc. and others. Netflix is expected to test the program with a limited number of titles and subscribers next year.

In the past year, Netflix was able to fight two retail dragons - Wal-Mart and Blockbuster - slaying one and wounding the other. But more dragons are in the offing. What will be required to maintain its impressive pace? More of the same, says Dillon. Current applications and processes should be able to handle the business at least until the company reaches 15 million to 20 million subscribers, although it will need some tinkering. "I think we're okay as long as we continue to make gradual improvements to our systems for the next five years. That's about as far in the distance as we can look right now."

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Netflix leveling the field, one DVD rental at a time; [Chicagoland Final Edition]

Patrick Goldstein, *Tribune Newspapers: Los Angeles Times*. **Chicago Tribune**. Chicago, Ill.: Apr 9, 2006. pg. 13

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Abstract (Document Summary)

In fact, thanks to a surge of Oscar-related interest, "Crash," which barely cracked the top 50 grossing movies of 2005, is poised to become Netflix's most rented movie of all time. "Hotel Rwanda," which made only \$23 million in theaters, is one of Netflix's top five all-time rentals. The documentary "Born Into Brothels" has racked up 500,000 rentals, while "Oldboy," a cult Korean action thriller, has done nearly 50 percent of its rental business through Netflix.

Full Text (1454 words)

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MOVIES

Philip Dell' Isola is a fan of all things Irish, especially any movie with Colm Meaney in it. Even so, he was only vaguely familiar with "Intermission," an obscure Irish film that featured Meaney and a host of other great Irish actors until he noticed that a friend had recommended it on Netflix, America's favorite online movie rental site.

"When I saw it, I loved it," recalls Dell' Isola, a 37-year-old marketing executive for Boating magazine who's been a Netflix subscriber for two years. "In fact, it's so good I can't imagine why it didn't do better at the box office. I guess I'm one of the reasons because I didn't go see it, but I probably didn't even know it was playing in a theater here. If it wasn't for Netflix I would've never seen it."

"Intermission" was easy to miss. It played in theaters only for a few weeks in the spring of 2004. It never played on more than 69 screens, which means that if you live outside of America's biggest cities, you couldn't see it in a theater at all. But at Netflix, if a movie has passionate fans, even a tiny indie film can compete with studio behemoths backed by \$40-million marketing campaigns.

'Crash' a popular choice

In fact, thanks to a surge of Oscar-related interest, "Crash," which barely cracked the top 50 grossing movies of 2005, is poised to become Netflix's most rented movie of all time. "Hotel Rwanda," which made only \$23 million in theaters, is one of Netflix's top five all-time rentals. The documentary "Born Into Brothels" has racked up 500,000 rentals, while "Oldboy," a cult Korean action thriller, has done nearly 50 percent of its rental business through Netflix.

"What we do is 'slivercasting,'" says Ted Sarandos, Netflix's chief content officer. "In an era where there are so many

homogenized films trying to reach every quadrant of the audience, we can help a great little movie find as big an audience as a big mediocre one. In most video stores, I'd be lucky to find one copy of the Werner Herzog documentary "Grizzly Man," but on our site, it finds its way, in a very democratic manner, to the front of the new releases pool. If TiVo has helped people free themselves from a linear TV schedule, then we're helping free people from the top 100 commercial movie model."

Launched in 1998 by Reed Hastings, a one-time Peace Corps math teacher who made his money in Silicon Valley, Netflix has 4.2 million subscribers with access to 55,000 DVD titles. For a \$17.99 monthly subscription fee, members can rent three DVDs at a time, with no limits and no late fees. (The Bay area-based company has nine subscription plans in all, including those for more casual or serious film fans.) After members watch a movie, they send it back in a pre-addressed, postage-paid envelope. The company ships an eye-popping 1.4 million DVDs each day, generally by one-day delivery. The temptation of all these great movies bouncing around America has proved too great for some postal carriers -- inspectors have nabbed mail carriers in a number of cities who've stolen DVDs from Netflix envelopes on their routes.

Although most of the media coverage about Netflix has treated it as a Wall Street success story, its real effect is cultural. It has created a business model, very much like XM Satellite Radio, that provides an alternative to the deluge of dumbed-down entertainment that has swamped our pop culture. In terrestrial radio, a station playing a gifted but little-known singer such as Neko Case can't compete with a station spotlighting big sellers such as Mariah Carey -- to the highest-rated station go the advertising spoils. But on XM, with its 150 channels of music, bluegrass, Latin jazz or hard-core punk has just as much sway as top 40.

Netflix offers a similar model. Because it relies on subscriber ratings and recommendations, and can offer an almost limitless array of product, it creates a level playing field, allowing a tiny indie film to compete with a multiplex monster. It's a great example of what Wired magazine's Chris Anderson calls the Long Tail. Put simply, our culture is increasingly shifting away from a focus on a relatively small number of blockbusters at the head of the demand curve and toward a huge number of niches in the tail. If you go to a movie theater or a Blockbuster, the vast majority of business comes from a few dozen films. But at Netflix you can see the Long Tail in action -- its subscribers rent more than 95 percent of its 55,000 titles every quarter.

Netflix subscribers keep a "queue" of movies they want to rent. The beauty of this system, as Sarandos describes it, is that it "archives the impulse." The bane of movie marketers has been the gap between getting a customer's attention and getting them to act on it. With a queue, subscribers can log in a movie they've just heard good buzz about, even if it isn't out on DVD yet.

Fans provide ratings

It's the ratings that make Netflix such a uniquely participatory environment. In the studio-dominated world of first-run movies, marketing is all powerful. At Netflix, the power is in a trust network of movie fans who have provided 1 billion movie ratings. The company processes these ratings using a complex form of algorithm-style data crunching that enables it to create a personalized home page for each subscriber.

In fact, visiting Netflix isn't so different from scrolling around MySpace.com, the popular youth culture Web site. Each site is an oasis of connectivity, a sprawling community of people eager to share their enthusiasms. The common denominator is personalization. Each site harbors a fierce resistance to mass marketing -- everyone wants to discover their own bands or their own movies. On MySpace you can read people's online journals and view their pictures and friends' lists. At Netflix, one of the most popular features is a friends section, where anyone can share movie recommendations or view one another's film queues.

With such a specific database, Netflix has become a partner with studio specialty divisions in various promotional deals. When Sony Pictures Classics was opening "Kung Fu Hustle" last year, Netflix sent out e-mail blasts to subscribers who were fans of similar martial-arts films who lived within five miles of the theaters playing "Hustle."

"It was incredibly effective," says Sony Classics co-chief Tom Bernard. "Even if people don't see the movie in a theater, they put it in their queue to rent. We did \$30 million worth of video business on 'Hustle,' and while you can't totally quantify it, we figure that a really big chunk of that came from Netflix."

According to Sarandos, 75 percent of the movies that subscribers put in their queues are inspired by some facet of the Netflix ratings system.

Netflix isn't perfect. Even though it has been the No. 1 rated Web site for consumer satisfaction for two years running, it recently got a black eye for a practice known as "throttling" after a legal fight revealed that the company had in some instances delayed shipments to heavy users while shipping films more quickly to subscribers who rented fewer films. Like XM, the company will need continued growth to keep Wall Street analysts happy. Netflix projects that it will have at least 5.9 million members by the year's end, but it will face increased competition, especially when movie fans begin downloading films directly to their home-entertainment systems.

But in an era when the dominance of studio marketing had threatened to marginalize quality films, Netflix has become a key element in the democratization of the medium. "It's like MySpace without the dirty words," says ThinkFilm's theatrical chief Mark Urman. "Before they were around, my company could get great reviews for a film, but it couldn't open on 3,000 screens or be on the shelf at every Blockbuster. With Netflix, not only is our movie completely available, but the consumer gets this wonderful curatorial assistance. They're told, 'If you like that, you're really going to like this.' That builds the best kind of word of mouth, from people you trust."

As for Dell'Isola, he says he's not only watching more movies than he did before, but also a wider range of films. He just added a film by the late master Indian filmmaker Satyajit Ray to his queue after it got great ratings from fellow subscribers. Call it cinema consciousness-raising. As Dell'Isola put it: "I wouldn't doubt that five years from now we'll read a story about some hip new film director who'll say, 'My film school was Netflix.'"

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